

ELTOR  
IDEAS IN LIGHTING



# CATALOGUE

## 2025

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[www.eltor.hr](http://www.eltor.hr) • [www.eltorlighting.com](http://www.eltorlighting.com)

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ISO 9001

**BUREAU VERITAS**  
Certification



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 Ambijentalna  
rasvjeta  
*Ambience  
lighting*



ANTIGONE

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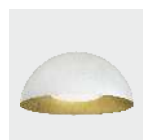
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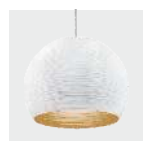
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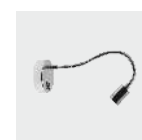
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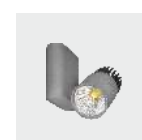
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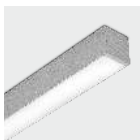
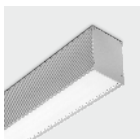
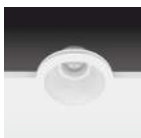
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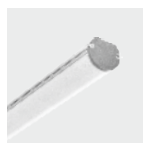
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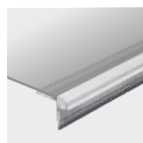
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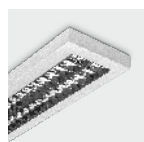
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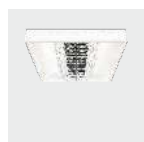
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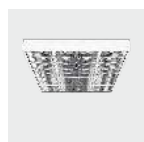
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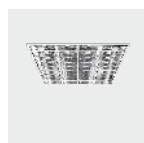
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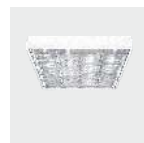
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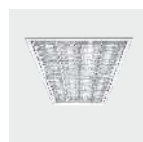
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LN PR

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UP SPACE

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AREA

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Sterilna  
rasvjeta  
Sterile  
lighting



LN KL  
IP55

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UG/UGR  
KL IP55

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LN KL  
IP65

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Industrijska  
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Vanjska  
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*Outdoor  
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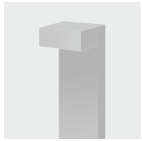
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STATE  
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*Emergency  
lighting*



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# Vremeplov

## History

Tvrtka ELTOR osnovana je davne 1976. godine, a osnovnu djelatnost tvrtke činila je proizvodnja toroidnih transformatora. Nakon niza godina konstantnog i kontinuiranog razvoja, danas tvrtka ELTOR predstavlja jednog od renomiranih i svjetski poznatih proizvođača rasvjetne opreme.

ELTOR d.o.o. Ušao je u segment brodske rasvjete i posjeduje kompletne antivibracijske, požarne i elektro ateste te smo kao takvi ušli u brodski registar 2009. godine. Tvrtka koja nas je pratila je Bureau Veritas.

*ELTOR COMPANY was founded in 1976. The core business consisted of the production of toroidal transformers. After lots of years of continuous development, the company today represents a renowned and recognized manufacturer of electrical equipment.*

*In the year of 2009, the company was registered in the shipping register and owns the complete antivibrating, fire and electronic certificates in the segment. The regulating partner was Bureau Veritas*



|                                                                                  |              |                                                                                         |
|----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------|
| osnovan ELTOR kao obrtničko poduzeće                                             | <b>1976.</b> | <i>founded ELTOR as a craft association</i>                                             |
| Zbog novog zakona, tvrtka postaje d.o.o                                          | <b>1990.</b> | <i>Due to a new law, ELTOR becomes a company</i>                                        |
| Povećanjem proizvodnje, otvara se novi, moderni proizvodni pogon                 | <b>2003.</b> | <i>Thanks to an increased productivity a new, modern manufacturing facility is open</i> |
| Zbog povećane potražnje za ELTORovim proizvodima, tvrtka proširuje i postrojenje | <b>2008.</b> | <i>Due to an increased demand for ELTOR products, the facility is expanded</i>          |
| Uvođenje certifikata ISO 9001:2008 i ulazak ELTOR-a u brodski registar           | <b>2009.</b> | <i>The introduction of the ISO 9001: 2008 and ELTOR's entry into ship register</i>      |
| Dizajnirana nova serija proizvoda i implementacija LED tehnologije               | <b>2010.</b> | <i>New line of luminaires designed and implementation of LED technology</i>             |
| Dizajnirane nove trimless svjetiljke u klasičnoj i LED verziji                   | <b>2011.</b> | <i>New Trimless luminaires designed in classic and LED variant</i>                      |
| Nova serija hotelske rasvjete                                                    | <b>2012.</b> | <i>New line of luminaires for hospitality industry</i>                                  |
| Ulazak na nova, internacionalna tržišta - Dubai, Rusija, Izrael                  | <b>2013.</b> | <i>Entry to new, international markets - Dubai, Russia, Israel</i>                      |
| Nova napredna svjetiljka "EDGE" je razvijena                                     | <b>2015.</b> | <i>New advanced luminaire "EDGE" is produced</i>                                        |



# Led tehnologija

Led technology

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UVOD / INTRO

## Od ideje do svjetleće stvarnosti...

LED je akronim od LIGHT EMITTING DIODE, komponente koja emitira monokromatsko svjetlo kao posljedicu protoka električne struje.

LED predstavljaju novi alat u radu dizajnera rasvjete i omogućuju stvaranje novih maštovitih proizvoda sa iznenađujućim efektima, koji su nekoć bili tehnički neizvedivi.

Po prvi puta napredak LED tehnologije omogućio je postizanje visoke kvalitete boje kao i neutralno bijelog osvjetljenja, kao za unutarnju tako i za vanjsku primjenu.

Sedmero-bojni LED i bijeli LED visoke snage postali su dostupni u posljednjih nekoliko godina, napredak je također postignut u području plastičnih i silikonskih leća koje omogućuju dugotrajni životni vijek LED-a s visokim očuvanjem razine svjetlosnog toka.

Tijekom prošle godine na tržištu se pojavljuju i visoko-kvalitetne LED diode sa toplo bijelim osvjetljenjem, temperaturom osvjetljenja 3200K i odličnim indeksom uzvrata boje RA 90. Svjetlost, ujednačenost boje i kromatsko područje LED-a su znatno poboljšani, u tolikoj razini da su danas LED moduli sve više korišteni za osvjetljenje u klasičnim interijerima kao i mnogim drugim područjima.

## From idea to lighting reality...

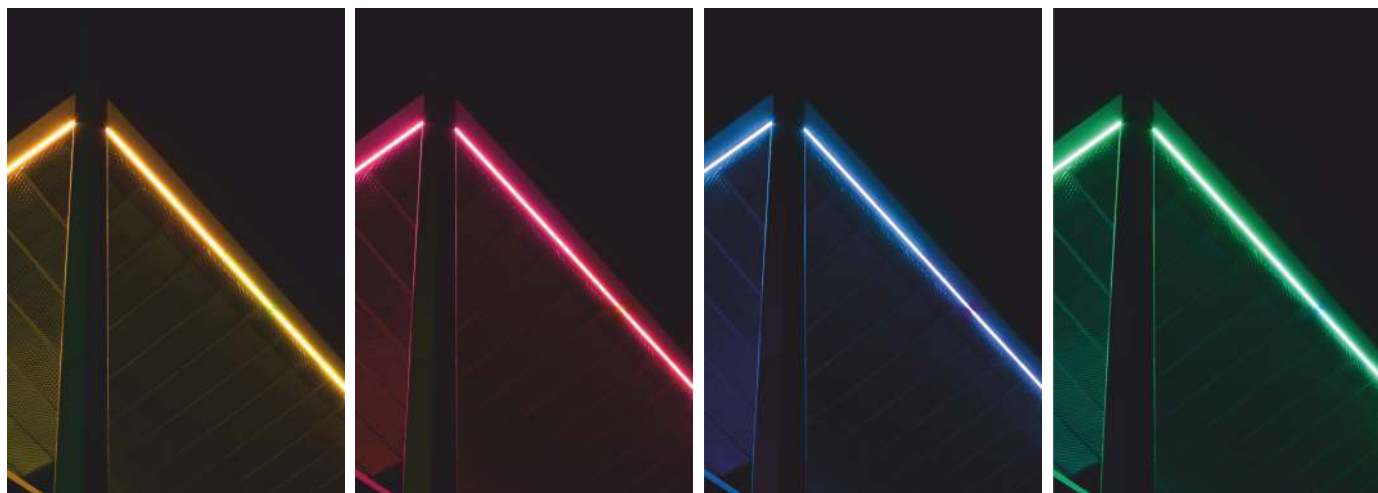
*LED stands for light emitting diode, that emits monochromatic light as a result of the flow of electricity.*

*LEDs represent a new tool in the work of lighting designers and allow the creation of imaginative new products with amazing effects, which were once technically unfeasible. For the first time the progress of LED technology has made it possible to achieve high quality color and a neutral white light, for indoor and outdoor use.*

*Seven-color LED and high power white LEDs have become available in recent years, progress was also achieved in the field of plastic and silicone cover-lenses, which allow long lifetime of LEDs with a high conservation level of intensity.*

*Over the last year on the market appear to high-quality LEDs with a warm white light, 3200K temperature and excellent color index retribution RA 90, color uniformity and chromatic area LED's are much improved, to such a degree that today the LED modules are increasingly used to illuminate the classical interiors as well as many other areas.*

RGB modul  
RGB module



# Svjetlo koje motivira

Light that motivates

## Prava svjetlost u pravom trenutku

Svjetlost je osnovna komponenta u planiranju interijera a razina ekonomičnosti i ugodnosti je jedan od najbitnih elemenata kako za osoblje ili djelatnike tako i za goste odnonsno klijente vaših interijera.

Prava rasvjeta omogućava optimalne vizualne uvjete i stvara efikasan i motivirajući ambijent dok istovremenu atraktivno djeluje na izgled samog prostora.

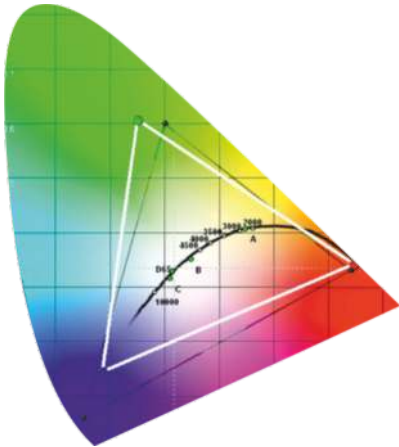
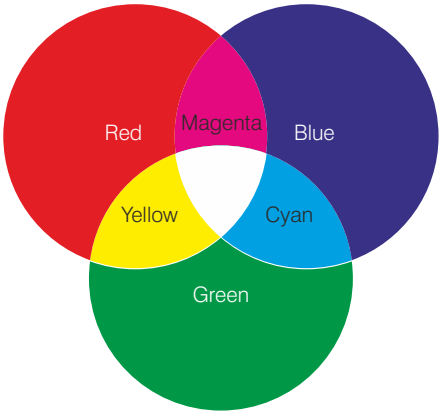
Individualni prostori interijera mogu biti zasebno osmišljeni u smislu svjetlosnog dizajna te time stvarati atmosferu koja je potrebna odnosno poželjna u pojedinim prostorima.

## The right light in the right moment

*Lighting is an integral component when planning interior and levels of economy and comfort are some of the most important factors both for the employers and customers of your interiors.*

*The right light assures optimal visual conditions, creates an efficient and motivating work atmosphere and also serves as an attractive element of design.*

*Optimal ergonomic and economic lighting solutions can be flexibly modified according to individual work areas and requirements.*



| Temperatura svjetlosti (K)<br>Color temperature (K) | 2700K-3000K                                  | 3500K-4100K                                    | 5500K-6500K                                       |
|-----------------------------------------------------|----------------------------------------------|------------------------------------------------|---------------------------------------------------|
| Boja svjetlosti<br>Light color                      | Topla / mekano bijela<br>Warm/soft white     | Hladna, blještavo bijela<br>Cool, bright white | Dnevna svjetlost<br>Daylight                      |
| Atmosfera<br>Mood created                           | Ugodna, opuštajuća<br>Relaxing, comfortable  | Čista, živahna<br>Clean, lively                | Osvježavajuća, energična<br>Refreshing, energetic |
| Upotreba<br>Uses                                    | Dnevni boravci,sobe<br>Living rooms, bedroom | Kuhinje, uredi<br>Kitchen, office              | Čitanje i zadaci<br>Reading and tasks             |

# Atmosfera na dodir prsta

Atmosphere at the touch of your finger

## Osvjetljavanje prostora, osvjetljavanje života

Dobra rasvjeta je potrebna za dobar rad, a koncentracija se postiže i drži lakoćom u dobrim svjetlosnim uvjetima. Također, ugodna rasvjeta omogućuje bolju motivaciju i osjećaj zadovoljstva.

Efektan i pametan rasvjetu daje veliki doprinos u svim prostorima. Kombinacija hladnije svjetlosti i indirektna rasvjeta izrazito povoljno djeluje na efekt zadovoljstva u interijerima te samim time smanjuje osjećaj umora.

Dinamičko osvjetljenje sa stupnjevima rasvijete te senzorima pokreta i danjeg svjetla omogućuje klijentima da koriste svjetlost kako bi poboljšali radnu okolinu te uštedjeli na električnoj energiji.

## Illuminating space, illuminating life

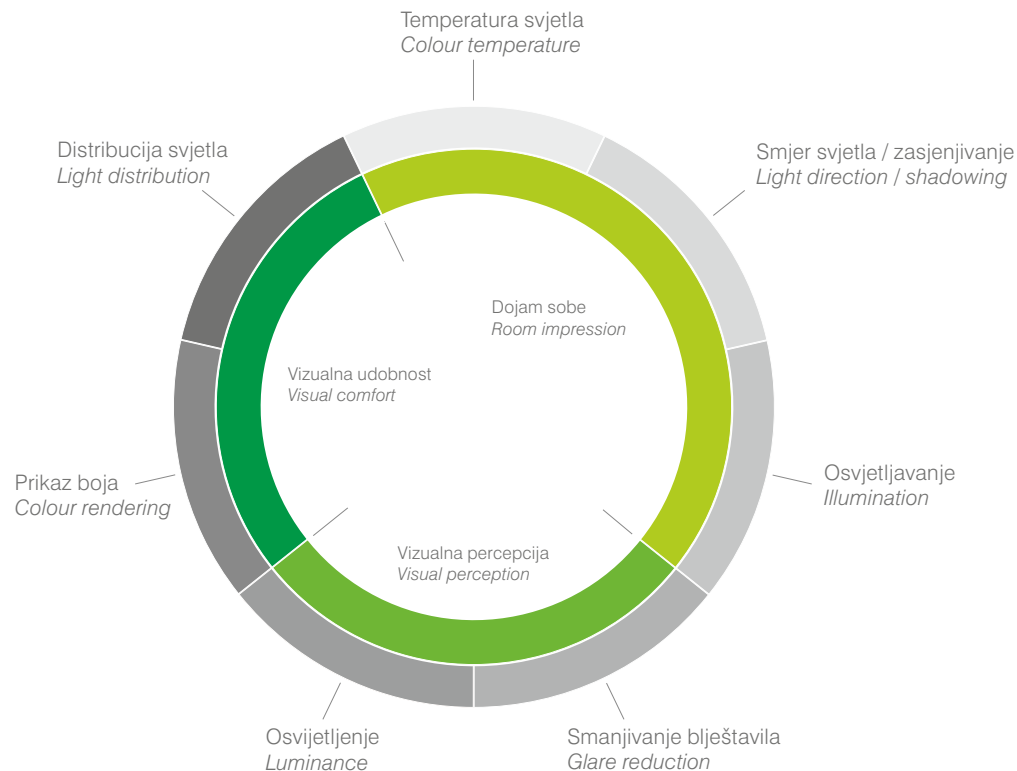
Good light is needed for good work, and concentration becomes easier with good visual conditions. A pleasant light atmosphere also makes sure of more well-being and motivation.

Biologically effective light makes a valuable contribution in such situations, meaning on the one hand light with higher blue components/colour temperatures and on the other, indirect light distribution.

Dynamic light with levels of brightness and light colours modified according to the course of the day support the natural biological rhythm, thus in turn increasing well-being and performance capability.

## Dimenzije kvalitete rasvjetе

Dimensions of light quality



# Učinkovitost i ušteda

Efficiency and energy saving

## Prava rasvjeta ne mora biti skupa

Energetski učinkovite tehnologije i inteligenta rasvjetna tijela smanjuju potrošnju energije bez smanjivanja kvalitete svijetla, a istovremeno se smanjuje operativni trošak i poboljšava okolinu.

To je jedan od glavnih razloga radi kojeg se preporučuje obnova rasvjete u većini interijera, da li zbog uštede energije ili zbog usklađivanja s propisima.

Preporučamo LED i fluo cijevi, ovisno o zahtjevima projekta. Koje su želje i/ili zahtjevi kupaca?

Da li su planiranja na kratkotrajnoj ili dugotrajnoj bazi? Investicijski troškovi i ušteda u potrošnji energije se na kraju uspoređuju.

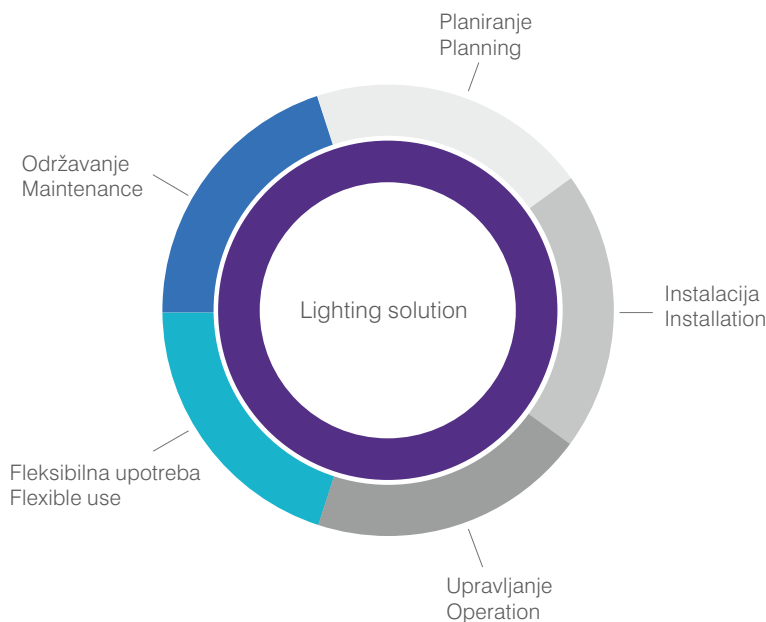
## The right lighting doesn't have to be expensive

*Energy-optimised technologies and intelligent Lighting Tools reduce energy consumption without the need to compromise on light quality, relieve the environment and reduce operating costs.*

*It is mainly for this reason that the refurbishment of lighting in many interiors is highly recommended, whether to cut electricity and maintenance costs or to comply with legislation.*

*We fundamentally recommend LEDs and T16 fluorescent lamps depending on the specific project. What are customer desires and requirements? Is planning for the short-term or long-term? Investment costs and saved energy costs are ultimately compared.*

Dimenzije kvalitete rasvjete  
*Dimensions of light quality*







Ambijentalna rasvjeta  
Ambience lighting



# Antigone

Dekoratívna svjetiljka kružnog geometrijskog oblika te inovativnog dizajna, linija svjetiljaka Antigone pogodna je za osvjetljavanje različitih dekorativnih prostora. Opalni polikarbonatni difuzor homogenog efekta oplemenjuje svjetiljku svojim visokim stupnjem uniformiranosti svjetlosnog toka tehnologije "crystal ice". Različitih promjera od 350 mm do 1200 mm pružaju mogućnost visokoga stupnja slobode dizajniranja rasvjete stapajući se s prostorom te postajući njegov sastavni dio.

*Decorative and innovative lamp with circular geometric shape, Antigone lamp lines are optimal for illuminating a variety of decorative spaces.*

*Opal polycarbonate diffuser with soft effect enriches the lamp with its uniform luminous flux made possible by "crystal ice" technology.*

*Dimensions from 350 mm to 1200 mm offer the freedom of light design and allow the lamps to seamlessly blend into any space and become its essential part.*

NAMJENA / USAGE



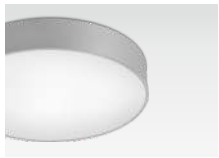


# Antigone

Nadgradna/zidna LED svjetiljka / Surface/wall mounted LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Montaža:** vijcima na strop/zid  
**Spajanje:** skidanjem obruča dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)  
  
**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** white, gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Mounting:** with screws to the ceiling/wall  
**Connecting:** through removing the rim, connection clamps and all other electronic components are available  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP44

IK08

LED

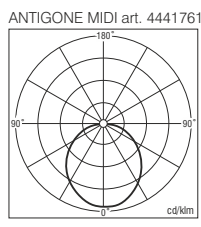
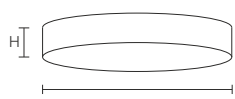
Prema zahtjevu:  
On request:

EM 1h

EM 3h

| Art.              | W      | K     | V    | lm          | Æx H     | kg   |
|-------------------|--------|-------|------|-------------|----------|------|
| ANTIGONE SMALL    |        |       |      |             |          |      |
| 4441731           | 17,0W  | 3K/4K | 230V | 2600/2870   | 350x100  | 5,0  |
| 4441732           | 26,7W  | 3K/4K | 230V | 3720/4100   | 350x100  | 5,0  |
| ANTIGONE MINI     |        |       |      |             |          |      |
| 4441741           | 25,0W  | 3K/4K | 230V | 3427/3597   | 440x100  | 7,8  |
| 4441742           | 35,0W  | 3K/4K | 230V | 4798/5036   | 440x100  | 7,8  |
| ANTIGONE MIDI     |        |       |      |             |          |      |
| 4441761           | 29,6W  | 3K/4K | 230V | 5320/5600   | 640x100  | 10,0 |
| 4441763           | 42,2W  | 3K/4K | 230V | 7280/7680   | 640x100  | 10,0 |
| ANTIGONE MAXI     |        |       |      |             |          |      |
| 4441781           | 58,4W  | 3K/4K | 230V | 10720/11320 | 880x100  | 12,9 |
| 4441783           | 83,6W  | 3K/4K | 230V | 14680/15480 | 880x100  | 12,9 |
| ANTIGONE MAXI XL* |        |       |      |             |          |      |
| 4441710           | 100,8W | 3K/4K | 230V | 18520/19560 | 1200x100 | 19,3 |
| 4441716           | 144,4W | 3K/4K | 230V | 25320/26760 | 1200x100 | 19,3 |

\* Dostupna samo stropna izvedba  
Only ceiling version available







PROJECT: Raiffeisen bank zagreb  
PHOTOGRAPHER: Eltor

# Antigone

Nadgradna/zidna svjetiljka / Surface/wall mounted lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi

**Diffuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop/zid

**Spajanje:** skidanjem obruča dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 and Dulux L tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling/wall

**Connecting:** through removing the rim, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

EM 1h

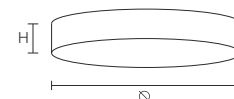
EM 3h

DALI

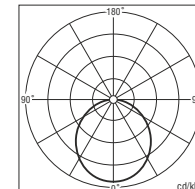
DIM

| Art.              |                                  | W    | V        | Æ x H | kg |
|-------------------|----------------------------------|------|----------|-------|----|
| ANTIGONE SMALL    |                                  |      |          |       |    |
| 4441218           | TC-L 2x18W                       | 230V | 350x100  | 5,0   |    |
| 4441040           | FC T5 55W                        | 230V | 350x100  | 5,0   |    |
| ANTIGONE MINI     |                                  |      |          |       |    |
| 4441055           | FC T5 55W                        | 230V | 440x100  | 7,8   |    |
| 4441324           | TC-L 3x24W                       | 230V | 440x100  | 7,8   |    |
| ANTIGONE MIDI     |                                  |      |          |       |    |
| 4441892           | TC-L 2x18W + T5 4x14W            | 230V | 640x100  | 10,0  |    |
| 4441194           | TC-L 2x24W + T5 4x24W            | 230V | 640x100  | 10,0  |    |
| ANTIGONE MAXI     |                                  |      |          |       |    |
| 4441614           | T5 6x14W                         | 230V | 800x100  | 12,9  |    |
| 4441624           | T5 6x24W                         | 230V | 800x100  | 12,9  |    |
| ANTIGONE MAXI XL* |                                  |      |          |       |    |
| 4441821           | TC-L 2x18W + T5 2x14W + T5 5x21W | 230V | 1200x100 | 19,3  |    |
| 4441839           | TC-L 2x24W + T5 2x24W+ T5 5x39W  | 230V | 1200x100 | 19,3  |    |

\* Dostupna samo stropna izvedba  
Only ceiling version available



ANTIGONE MINI art. 4441324



# Antigone

Viseća LED svjetiljka / Suspended LED lamp



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

| Art.                    | W      | K     | V    | lm          | Æ x H    | kg   |
|-------------------------|--------|-------|------|-------------|----------|------|
| <b>ANTIGONE SMALL</b>   |        |       |      |             |          |      |
| 4443731                 | 17,0W  | 3K/4K | 230V | 2600/2870   | 350x100  | 5,0  |
| 4443732                 | 26,7W  | 3K/4K | 230V | 3720/4100   | 350x100  | 5,0  |
| <b>ANTIGONE MINI</b>    |        |       |      |             |          |      |
| 4443741                 | 25,0W  | 3K/4K | 230V | 3427/3597   | 440x100  | 7,8  |
| 4443742                 | 35,0W  | 3K/4K | 230V | 4798/5036   | 440x100  | 7,8  |
| <b>ANTIGONE MIDI</b>    |        |       |      |             |          |      |
| 4443761                 | 29,6W  | 3K/4K | 230V | 5320/5600   | 640x100  | 10,0 |
| 4443763                 | 42,2W  | 3K/4K | 230V | 7280/7680   | 640x100  | 10,0 |
| <b>ANTIGONE MAXI</b>    |        |       |      |             |          |      |
| 4443781                 | 58,4W  | 3K/4K | 230V | 10720/11320 | 880x100  | 12,9 |
| 4443783                 | 83,6W  | 3K/4K | 230V | 14680/15480 | 880x100  | 12,9 |
| <b>ANTIGONE MAXI XL</b> |        |       |      |             |          |      |
| 4443710                 | 100,8W | 3K/4K | 230V | 18520/19560 | 1200x100 | 19,3 |
| 4443716                 | 144,4W | 3K/4K | 230V | 25320/26760 | 1200x100 | 19,3 |

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću visilica s auto blok sustavom, max L=1500mm (u kompletu)

**Spajanje:** skidanjem obruča dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM, direktno-indirektna rasvjeta (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through removing the rim, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM, direct-indirect light (see ordering instructions)

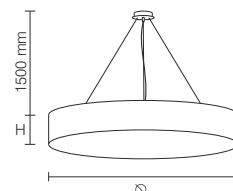


Prema zahtjevu: EM 1h, EM 3h, DALI, DIM, On request:



Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm

Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

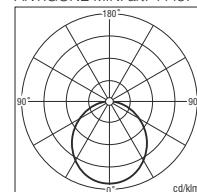


prema zahtjevu / on request:



Direktna / Indirektna rasvjeta  
prema zahtjevu  
Direct/Indirect light on request

ANTIGONE MINI art. 4443741







PROJECT: OLIVE HOUSE  
ARCHITECTS: Tea Horvat, Radovan Šobat / Log-urbis  
PHOTOGRAPHER: Robert Leš



# Antigone

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.                    | W                                | V    | Æ x H    | kg   |
|-------------------------|----------------------------------|------|----------|------|
| <b>ANTIGONE SMALL</b>   |                                  |      |          |      |
| 4443218                 | TC-L 2x18W                       | 230V | 350x100  | 5,0  |
| 4443040                 | FC T5 55W                        | 230V | 350x100  | 5,0  |
| <b>ANTIGONE MINI</b>    |                                  |      |          |      |
| 4443055                 | FC T5 55W                        | 230V | 440x100  | 7,8  |
| 4443324                 | TC-L 3x24W                       | 230V | 440x100  | 7,8  |
| <b>ANTIGONE MIDI</b>    |                                  |      |          |      |
| 4443892                 | TC-L 2x18W + T5 4x14W            | 230V | 640x100  | 10,0 |
| 4443194                 | TC-L 2x24W + T5 4x24W            | 230V | 640x100  | 10,0 |
| <b>ANTIGONE MAXI</b>    |                                  |      |          |      |
| 4443614                 | T5 6x14W                         | 230V | 800x100  | 12,9 |
| 4443624                 | T5 6x24W                         | 230V | 800x100  | 12,9 |
| <b>ANTIGONE MAXI XL</b> |                                  |      |          |      |
| 4443821                 | TC-L 2x18W + T5 2x14W + T5 5x21W | 230V | 1200x100 | 19,3 |
| 4443839                 | TC-L 2x24W + T5 2x24W + T5 5x39W | 230V | 1200x100 | 19,3 |

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi

**Diffuzor:** protubljajući opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću visilica s auto blok sustavom, max L=1500mm (u kompletu)

**Spajanje:** skidanjem obruča dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM, direktno-indirektna rasvjeta (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

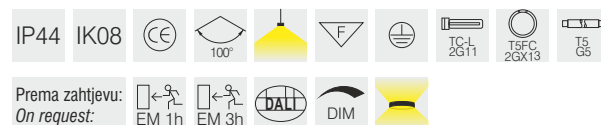
**Light source:** fluorescent T5 and Dulux L tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through removing the rim, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM, direct-indirect light (see ordering instructions)



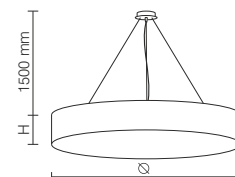
Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ66 mm  
3x0,75mm<sup>2</sup>, L=1500 mm

Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ66 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

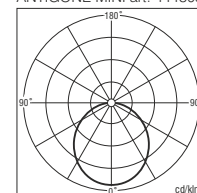
prema zahtjevu  
on request:



Direktna / Indirektna rasvjeta  
prema zahtjevu  
Direct/Indirect light on request



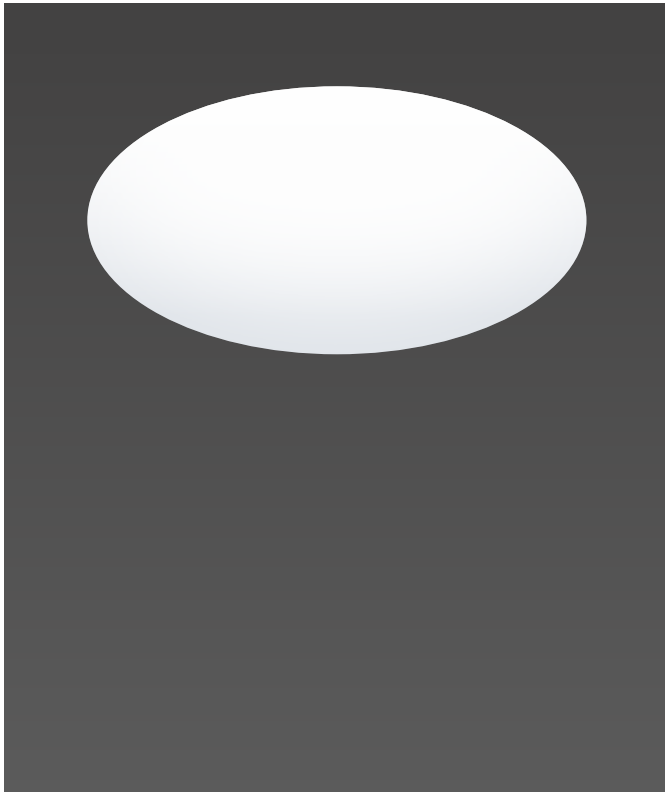
ANTIGONE MINI art. 4443055





# Antigone

Ugradna LED svjetiljka bez vidljivog ruba / Recessed trimless LED lamp



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

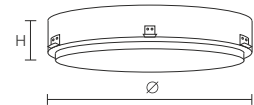
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.                  | W     | K     | V    | lm          | Æ x H   | kg   |
|-----------------------|-------|-------|------|-------------|---------|------|
| <b>ANTIGONE SMALL</b> |       |       |      |             |         |      |
| 4442731               | 17,0W | 3K/4K | 230V | 2600/2870   | 350x100 | 5,0  |
| 4442732               | 26,7W | 3K/4K | 230V | 3720/4100   | 350x100 | 5,0  |
| <b>ANTIGONE MINI</b>  |       |       |      |             |         |      |
| 4442741               | 25,0W | 3K/4K | 230V | 3427/3597   | 440x100 | 7,8  |
| 4442742               | 35,0W | 3K/4K | 230V | 4798/5036   | 440x100 | 7,8  |
| <b>ANTIGONE MIDI</b>  |       |       |      |             |         |      |
| 4442761               | 29,6W | 3K/4K | 230V | 5320/5600   | 640x100 | 10,0 |
| 4442763               | 42,2W | 3K/4K | 230V | 7280/7680   | 640x100 | 10,0 |
| <b>ANTIGONE MAXI</b>  |       |       |      |             |         |      |
| 4442781               | 58,4W | 3K/4K | 230V | 10720/11320 | 880x100 | 12,9 |
| 4442783               | 83,6W | 3K/4K | 230V | 14680/15480 | 880x100 | 12,9 |

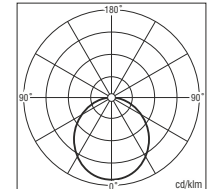


Slični proizvodi  
Related products:



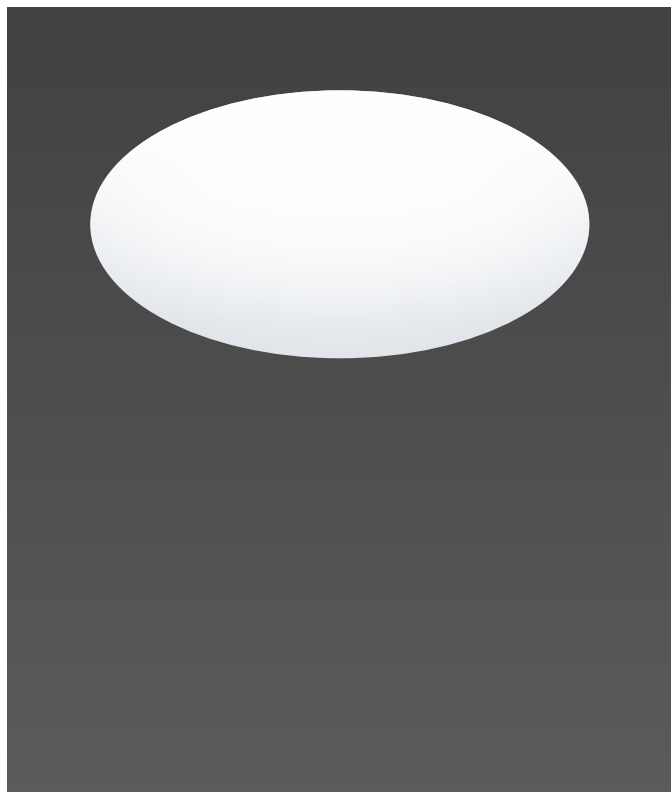
**ARCA ROUND**  
Str. 152

ANTIGONE MIDI art. 4442761



# Antigone

Ugradna svjetiljka bez vidljivog ruba / *Recessed trimless lamp*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi

**Difuzor:** protublješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

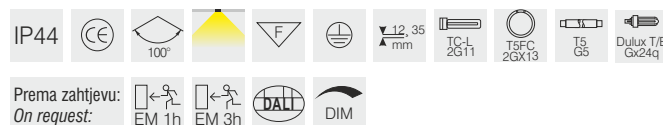
**Light source:** fluorescent T5 and Dulux L tubes

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

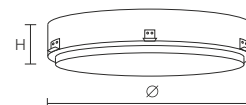
EM 1h

EM 3h

DALI

DIM

| Art.                  | W                     | V    | Æ x H   | Ø   | kg   |
|-----------------------|-----------------------|------|---------|-----|------|
| <b>ANTIGONE SMALL</b> |                       |      |         |     |      |
| 4442218               | TC-L 2x18W            | 230V | 350x120 | 358 | 5,0  |
| 4442040               | FC T5 55W             | 230V | 350x120 | 358 | 5,0  |
| <b>ANTIGONE MINI</b>  |                       |      |         |     |      |
| 4442055               | FC T5 55W             | 230V | 440x120 | 448 | 7,8  |
| 4442324               | TC-L 3x24W            | 230V | 440x120 | 448 | 7,8  |
| <b>ANTIGONE MIDI</b>  |                       |      |         |     |      |
| 4442892               | TC-L 2x18W + T5 4x14W | 230V | 640x120 | 648 | 10,0 |
| 4442194               | TC-L 2x24W + T5 4x24W | 230V | 640x120 | 648 | 10,0 |
| <b>ANTIGONE MAXI</b>  |                       |      |         |     |      |
| 4442614               | T5 6x14W              | 230V | 800x120 | 808 | 12,9 |
| 4442624               | T5 6x24W              | 230V | 800x120 | 808 | 12,9 |

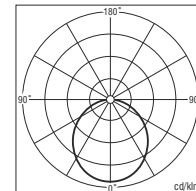


Slični proizvodi  
Related products:



**ARCA ROUND**  
Str. 152

ANTIGONE MAXI art. 4442614





# Sfera

Sfera dekorativna linija svjetiljaka sastoji se od niza visećih lampi jednostavnog dizajna predivnih linija osmišljenih kako bi naglašavali arhitektonske karakteristike prostora.

Tijelo svjetiljke je od aluminija visoke čvrstoće, obojanim termoeпокsidnom finostrukturnom bojom koja svojom teksturom obogaćuje svjetiljku a samim time i okolinu.

*Sfera decorative line consists of a series of suspended luminaires with minimalistic and beautiful lines designed to accentuate architectural characteristics of space.*

*The luminaire body is made from aluminium of high durability which is painted with thermal-epoxy finely structured paint which with its texture enriches the luminaire and therefore the environment .*

## NAMJENA / USAGE



# Sfera

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | ÆxH     |
|----------------|-------|-------|------|-----------|---------|
| <b>E27 ECO</b> |       |       |      |           |         |
| 4363427        | 1xE27 | 3K/4K | 230V |           | 400x290 |
| 4363527        | 1xE27 | 3K/4K | 230V |           | 500x370 |
| <b>LED</b>     |       |       |      |           |         |
| 4363741        | 15,5W | 3K/4K | 230V | 1940/2070 | 400x290 |
| 4363742        | 20,9W | 3K/4K | 230V | 2600/2780 | 400x290 |
| 4363751        | 15,5W | 3K/4K | 230V | 1940/2070 | 500x370 |
| 4363752        | 20,9W | 3K/4K | 230V | 2600/2780 | 500x370 |

**Kućište:** aluminij obojen termoeпокsidnom bojom

**Standardna vanjska boja:** bijela, crna

**Standardna unutarnja boja:** bijela

**Izvor svjetla:** E27 ECO i LED žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEL A++

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta

**Montaža:** vješanjem na napojni kabel

**Spajanje:** putem napojnog kabela

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** aluminium covered with thermal epoxy colour

**Standard outer color:** white, black

**Standard inner color:** white

**Light source:** E27 ECO and LED bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEL A++

**Power:** 230V/50Hz

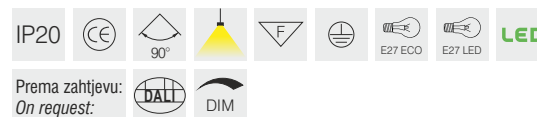
**Supply unit:** built in the housing

**Diffuser:** anti-glare opal diffuser with homogenous effect

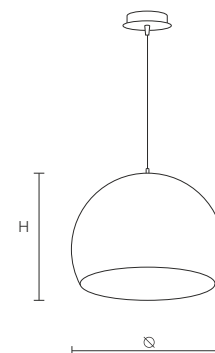
**Mounting:** hanging on power supply cable

**Connecting:** through supply cable

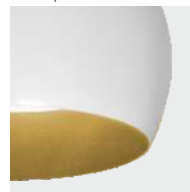
**On request:** regulation unit DALI, DIM (see ordering instructions)



Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

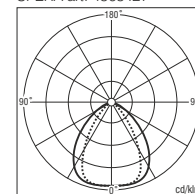


prema zahtjevu  
on request:



Odasijač zlatne boje  
Gold color reflector  
Æ400 art. 681  
Æ500 art. 682

SFERA art. 4363427



# Mezzosfera

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | ÆxH     |
|----------------|-------|-------|------|-----------|---------|
| <b>E27 ECO</b> |       |       |      |           |         |
| 4323527        | 1xE27 | 3K/4K | 230V |           | 500x370 |
| 4323727        | 1xE27 | 3K/4K | 230V |           | 720x360 |
| <b>LED</b>     |       |       |      |           |         |
| 4323751        | 15,5W | 3K/4K | 230V | 1940/2070 | 500x370 |
| 4323752        | 20,9W | 3K/4K | 230V | 2600/2780 | 500x370 |
| 4323771        | 15,5W | 3K/4K | 230V | 1940/2070 | 720x360 |
| 4323772        | 20,9W | 3K/4K | 230V | 2600/2780 | 720x360 |

**Kućište:** aluminij obojen termoepoksidnom bojom

**Standardna vanjska boja:** bijela, crna

**Standardna unutarnja boja:** bijela

**Izvor svjetla:** E27 ECO i LED žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta

**Montaža:** vješanjem na napojni kabel

**Spajanje:** putem napojnog kabela

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** aluminium covered with thermal epoxy colour

**Standard outer color:** white, black

**Standard inner color:** white

**Light source:** E27 ECO and LED bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Diffuser:** anti-glare opal diffuser with homogenous effect

**Mounting:** hanging on power supply cable

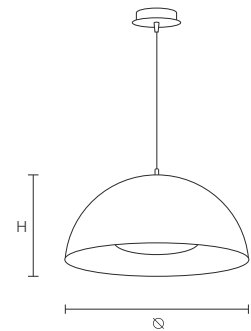
**Connecting:** through supply cable

**On request:** regulation unit DALI, DIM (see ordering instructions)



Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm

Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

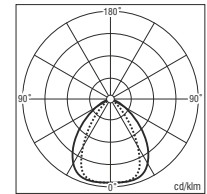


prema zahtjevu  
on request:



Odasijač zlatne boje  
Gold color reflector  
Æ500 art. 683  
Æ720 art. 684

MEZZOSFERA art. 4363527







PROJECT: Hotel Delfin  
PHOTOGRAPHER: Eltor





# Sfera rigid

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | ØxH     |
|----------------|-------|-------|------|-----------|---------|
| <b>E27 ECO</b> |       |       |      |           |         |
| 4413427        | 1xE27 | 3K/4K | 230V |           | 400x290 |
| 4413527        | 1xE27 | 3K/4K | 230V |           | 500x370 |
| <b>LED</b>     |       |       |      |           |         |
| 4413741        | 15,5W | 3K/4K | 230V | 1940/2070 | 400x290 |
| 4413742        | 20,9W | 3K/4K | 230V | 2600/2780 | 400x290 |
| 4413751        | 15,5W | 3K/4K | 230V | 1940/2070 | 500x370 |
| 4413752        | 20,9W | 3K/4K | 230V | 2600/2780 | 500x370 |

**Kućište:** aluminij obojen termoeпокsidnom bojom

**Standardna vanjska boja:** bijela, crna

**Standardna unutarnja boja:** bijela

**Izvor svjetla:** E27 ECO i LED žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta

**Montaža:** vješanjem na napojni kabel

**Spajanje:** putem napojnog kabela

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** aluminium covered with thermal epoxy colour

**Standard outer color:** white, black

**Standard inner color:** white

**Light source:** E27 ECO and LED bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Diffuser:** anti-glare opal diffuser with homogenous effect

**Mounting:** hanging on power supply cable

**Connecting:** through supply cable

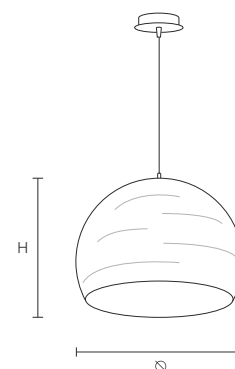
**On request:** regulation unit DALI, DIM (see ordering instructions)



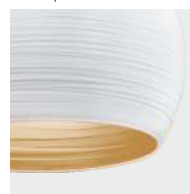
Prema zahtjevu:  
On request:



Ø100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Ø6 mm  
3x0,75mm², L=1500 mm  
Ø100/80x25 mm  
decorative box with decorative  
transparent cable Ø6 mm  
3x0,75 mm², L=1500 mm

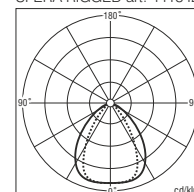


prema zahtjevu  
on request:



Odasijač zlatne boje  
Gold color reflector  
Ø400 art. 681  
Ø500 art. 682

SFERA RIGGED art. 4413427



# Torio

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | ÆxH     |
|----------------|-------|-------|------|-----------|---------|
| <b>E27 ECO</b> |       |       |      |           |         |
| 4423327        | 1xE27 | 3K/4K | 230V |           | 330x210 |
| 4423527        | 1xE27 | 3K/4K | 230V |           | 570x250 |
| <b>LED</b>     |       |       |      |           |         |
| 4423731        | 15,5W | 3K/4K | 230V | 1940/2070 | 330x210 |
| 4423732        | 20,9W | 3K/4K | 230V | 2600/2780 | 330x210 |
| 4423751        | 15,5W | 3K/4K | 230V | 1940/2070 | 570x250 |
| 4423752        | 20,9W | 3K/4K | 230V | 2600/2780 | 570x250 |

**Kućište:** aluminij obojen termoepoksidnom bojom  
**Standardna vanjska boja:** bijela, crna  
**Standardna unutarnja boja:** bijela  
**Izvor svjetla:** E27 ECO i LED žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Difuzor:** protubješteći opalni polikarbonat homogenog efekta  
**Montaža:** vješanjem na napojni kabel  
**Spajanje:** putem napojnog kabela  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

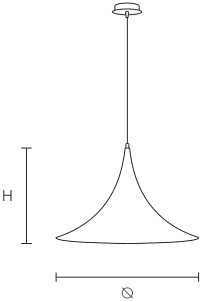
**Housing:** aluminium covered with thermal epoxy colour  
**Standard outer color:** white, black  
**Standard inner color:** white  
**Light source:** E27 ECO and LED bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Diffuser:** anti-glare opal diffuser with homogenous effect  
**Mounting:** hanging on power supply cable  
**Connecting:** through supply cable  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP20
CE
90°
F
E27 ECO
E27 LED
LED

Prema zahtjevu:  
On request:
DALI
DIM



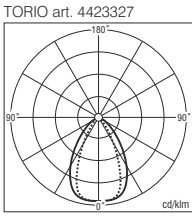
Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm



prema zahtjevu  
on request:



Odasijač zlatne boje  
Gold color reflector  
Æ330 art. 658  
Æ570 art. 659



# Drop

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | ÆxH     |
|----------------|-------|-------|------|-----------|---------|
| <b>E27 ECO</b> |       |       |      |           |         |
| 4433227        | 1xE27 | 3K/4K | 230V |           | 250x384 |
| 4433327        | 1xE27 | 3K/4K | 230V |           | 300x460 |
| <b>LED</b>     |       |       |      |           |         |
| 4433721        | 15,5W | 3K/4K | 230V | 1940/2070 | 250x384 |
| 4433722        | 20,9W | 3K/4K | 230V | 2600/2780 | 250x384 |
| 4433731        | 15,5W | 3K/4K | 230V | 1940/2070 | 300x460 |
| 4433732        | 20,9W | 3K/4K | 230V | 2600/2780 | 300x460 |

**Kućište:** aluminij obojen termoeпокsidnom bojom

**Standardna vanjska boja:** bijela, crna

**Standardna unutarnja boja:** bijela

**Izvor svjetla:** E27 ECO i LED žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Difuzor:** protubljеšteći opalni polikarbonat homogenog efekta

**Montaža:** vješanjem na napojni kabel

**Spajanje:** putem napojnog kabela

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** aluminium covered with thermal epoxy colour

**Standard outer color:** white, black

**Standard inner color:** white

**Light source:** E27 ECO and LED bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Diffuser:** anti-glare opal diffuser with homogenous effect

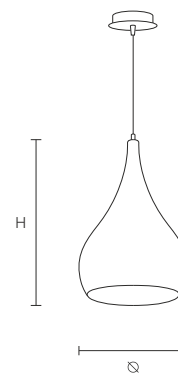
**Mounting:** hanging on power supply cable

**Connecting:** through supply cable

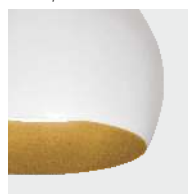
**On request:** regulation unit DALI, DIM (see ordering instructions)



Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

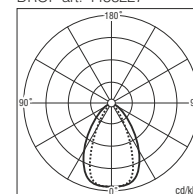


prema zahtjevu  
on request:



Odasijač zlatne boje  
Gold color reflector  
Æ250 art. 656  
Æ300 art. 657

DROP art. 4433227





# Aston

Betonska visilica glatke površinske obrade dolazi u bijeloj, sivoj i smeđoj boji. Površina betona je impregnirana transparentnom impregnacijom koja olakšava održavanje, te ju čini otpornom na prljavštinu i upijanje vode. Impregnacija je bezbojna i u potpunosti neprimjetna, te s vremenom ne mijenja boju. Visilice su dostupne u dvije veličine v/š/d=150/115/25 mm i v/š/d=260/168/32,5 mm. Ciljana težina betonskog dijela visilice iznosi otprilike 1600 g. Unutar visilice ugrađena je cijev promjera 10 mm kroz koju se provlači kabel s glom i žaruljom.

*Concrete suspended luminaire with smooth color comes in white, grey and brown color. Surface is impregnated by transparent impregnation which is resistant to dirt, water and oil absorption. At surface level no visible trace is left, colorless and won't turn yellow. Available in two sizes: h/w/l = 150/115/25mm and h/w/l = 260/168/32,5mm. Weighting app 1600g. Built inside the luminaire is tube in diameter 10mm which houses cable with socket and bulb.*



## NAMJENA / USAGE



# Aston

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



SMEĐA/BROWN (S)

| Art.        | W        | K     | V    | ÆxH     | kg  |
|-------------|----------|-------|------|---------|-----|
| <b>GU10</b> |          |       |      |         |     |
| 4583150     | 1 x GU10 | 3K/4K | 230V | 115x150 | 1,2 |
| 4583250     | 1 x GU10 | 3K/4K | 230V | 168x260 | 1,6 |

**Kućište:** beton glatke površinske obrade

**Standardna boja:** bijela, siva, smeđa

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje

**Montaža:** vješanjem na napojni kabel, max. L=1500mm

**Spajanje:** skidanjem ukrasne rozete dostupne su priključne stezaljke i ostale električne komponente

**Housing:** smooth surface concrete

**Standard color:** white, gray, brown

**Power:** 230V/50Hz

**Supply unit:** built in the housing

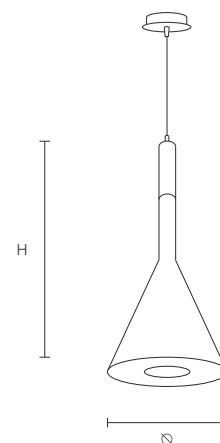
**Light source:** GU10 bulbs

**Mounting:** hanging on power supply cable, max. L=1500mm

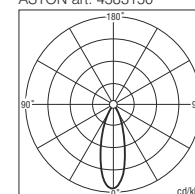
**Connecting:** through removing the decorative box, connection clamps and all other electronic components are available



Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm



ASTON art. 4583150



# New Sun DECO

Ukrasna kupola New Sun deco je lampa dekorativnog tipa a industrijskih korijena. Odasijač od sirovog anodiziranog aluminijskog profila spojen je sa ukrasnim rebrastim profilom te zajedno stvaraju impozantnu i prekrasnu cijelinu. Lampa dolazi u standardnoj E27 te LED varijanti a svjetlost pri reflektiranju od odasijača stvara ugodnu i toplu atmosferu.

*Ornamental dome New Sun deco is a decorative luminaire of industrial heritage.*

*Reflector made from raw anodized aluminium profile is paired with anodized aluminium decorative ribs, which together create an impressive and beautiful product.*

*Luminaire comes in standard E27 and LED variant and the lighting emitted from the reflector creates cosy and warm atmosphere.*

NAMJENA / USAGE



# New sun deco

Viseći industrijski reflektor / *Suspended industrial reflector*



ALUMINIJ/ALUMINIUM (A)



CRNA/BLACK (B)

| Art.           | W     | K     | V    | lm        | Æx H    | kg  |
|----------------|-------|-------|------|-----------|---------|-----|
| <b>E27 ECO</b> |       |       |      |           |         |     |
| 4513027        | 1xE27 | 3K/4K | 230V |           | 360x480 | 5,4 |
| <b>LED</b>     |       |       |      |           |         |     |
| 4513717        | 17,6W | 3K/4K | 230V | 2778/2848 | 360x480 | 5,4 |
| 4513726        | 25,6W | 3K/4K | 230V | 3747/3843 | 360x480 | 5,4 |
| 4513734        | 33,9W | 3K/4K | 230V | 4652/4770 | 360x480 | 5,4 |

**Kućište:** ekstrudirani anodizirani aluminijski profil s ukrasnim rebrima za odvodnju temperature

**Standardna boja:** anodizirani aluminij, crna

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** E27 ECO, LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEL A++

**Odasiyač:** iz 99,85% aluminija, oksidiranog i anodiziranog

**Montaža:** pomoću visilica s a uto blok sustavom, max L=1500mm (u kompletu)

**Spajanje:** skidanjem rozete dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** Extruded anodized aluminum profile with decorative ribs for temperature dissipation

**Standard color:** anodized aluminium

**Supply unit:** built in the housing

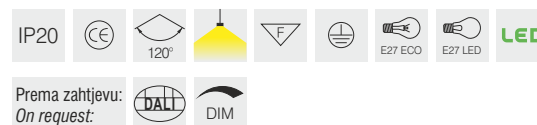
**Light source:** E27 ECO, new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEL A++

**Reflector:** of 99,85% aluminium, oxidated and anodized

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through removing the decorative box, connection clamps and all other electronic components are available

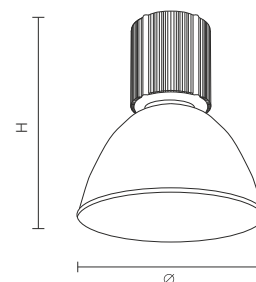
**On request:** regulation unit DALI, DIM (see ordering instructions)



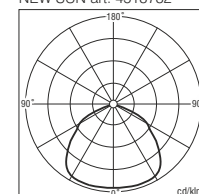
Prema zahtjevu:  
On request:



Zaštitno staklo IP55  
Protective glass IP55  
art. 605



NEW SUN art. 4513732



# Icon

Svjetiljka iz aluminija minimalističkog dizajna, elegantnih i modernih linija. Pogodne za montažu u stambenim, poslovnim, hotelskim prostorima, idealne za naglašavanje arhitektonskih značajki unutrašnjih prostora te svojom uskom distribucijom svjetlosnog snopa usmjeruju pažnju na najznačajnije karakteristike te daju puninu i voluminoznost. Aluminijsko tijelo svjetiljke omogućuje visoku trajnost i kvalitetu proizvoda a izbor finostrukturnih boja omogućuje uklapanje u svaki interijer.

*Minimalistic aluminium luminaire with elegant and modern design. Suitable for use in housing, offices and tourism, ideal for accentuating architectural features of interior spaces and to focus attention with it's narrow beam light emission, thus giving richness and voluminosity. Aluminium body of the luminaire offers high durability and quality of the product and the finely-structured color selection enables integration into any interior space.*

## NAMJENA / USAGE







PROJECT: Kozlović Winery  
PHOTOGRAPHER: Eltor

# Icon

Nadgradna svjetiljka / Surface lamp



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

| Art.        | W        | K     | V    | lm        | Æ x H   | kg  |
|-------------|----------|-------|------|-----------|---------|-----|
| <b>GU10</b> |          |       |      |           |         |     |
| 4251050     | 1 x GU10 | 3K/4K | 230V |           | 100x500 | 1,0 |
| 4251080     | 1 x GU10 | 3K/4K | 230V |           | 100x800 | 1,3 |
| <b>LED</b>  |          |       |      |           |         |     |
| 4251711     | 8,8W     | 3K/4K | 230V | 840/890   | 100x500 | 1,0 |
| 4251712     | 12,2W    | 3K/4K | 230V | 1170/1270 | 100x800 | 1,3 |
| 4251721     | 8,8W     | 3K/4K | 230V | 840/890   | 100x500 | 1,0 |
| 4251722     | 12,2W    | 3K/4K | 230V | 1170/1270 | 100x800 | 1,3 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** pomoću vijaka na strop

**Spajanje:** demontažom gornjeg poklopca (nosača) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling

**Connecting:** through disassembling upper cover (bracket), connection clamps and other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



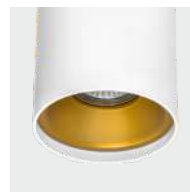
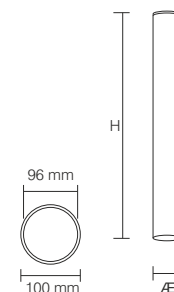
Prema zahtjevu:  
On request:



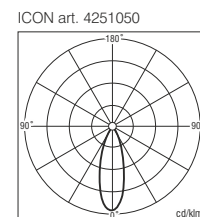
prema zahtjevu / on request:



Odasijač u boji svjetiljke IP20  
Reflector in luminaire color IP20  
**art. 693**



Odasijač zlatne boje IP20  
Gold color reflector IP20  
**art. 692**



# Icon suspended

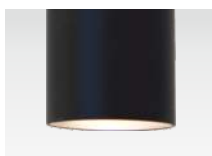
Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.        | W        | K     | V    | lm        | Æ x H   | kg  |
|-------------|----------|-------|------|-----------|---------|-----|
| <b>GU10</b> |          |       |      |           |         |     |
| 4253050     | 1 x GU10 | 3K/4K | 230V |           | 100x500 | 1,0 |
| 4253080     | 1 x GU10 | 3K/4K | 230V |           | 100x800 | 1,3 |
| <b>LED</b>  |          |       |      |           |         |     |
| 4253711     | 8,8W     | 3K/4K | 230V | 840/890   | 100x500 | 1,0 |
| 4253712     | 12,2W    | 3K/4K | 230V | 1170/1270 | 100x800 | 1,3 |
| 4253721     | 8,8W     | 3K/4K | 230V | 840/890   | 100x500 | 1,0 |
| 4253722     | 12,2W    | 3K/4K | 230V | 1170/1270 | 100x800 | 1,3 |

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** vješanjem na napojni kabel

**Spajanje:** skidanjem ukrasne rozete dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard finely-textured color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** hanging on power supply cable

**Connecting:** through removing the decorative box, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm

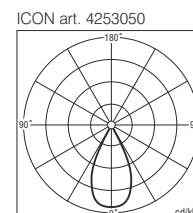
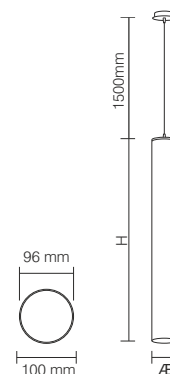
prema zahtjevu / on request:



Odasijač u boji svjetiljke  
Reflector in luminaire color  
art. 693



Odasijač zlatne boje  
Gold color reflector  
art. 692



# Icon slim

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** vješanjem na napojni kabel

**Spajanje:** skidanjem ukrasne rozete dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard finely-textured color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Mounting:** hanging on power supply cable

**Connecting:** through removing the decorative box, connection clamps and all other electronic components are available

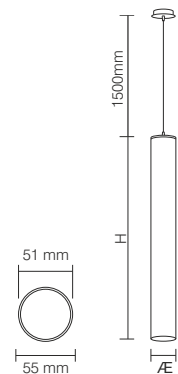


| Art.        | W        | K     | V    | lm        | Æ x H  | kg  |
|-------------|----------|-------|------|-----------|--------|-----|
| <b>GU10</b> |          |       |      |           |        |     |
| 4393050     | 1 x GU10 | 3K/4K | 230V |           | 55x500 | 1,0 |
| 4393080     | 1 x GU10 | 3K/4K | 230V |           | 55x800 | 1,3 |
| <b>LED</b>  |          |       |      |           |        |     |
| 4393711     | 8,8W     | 3K/4K | 230V | 840/890   | 55x500 | 1,0 |
| 4393712     | 12,2W    | 3K/4K | 230V | 1170/1270 | 55x800 | 1,3 |
| 4393721     | 8,8W     | 3K/4K | 230V | 840/890   | 55x500 | 1,0 |
| 4393722     | 12,2W    | 3K/4K | 230V | 1170/1270 | 55x800 | 1,3 |

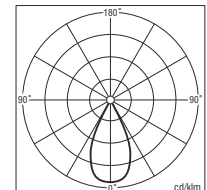


Æ100/80x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
3x0,75mm<sup>2</sup>, L=1500 mm

Æ100/80x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
3x0,75 mm<sup>2</sup>, L=1500 mm



ICON art. 4253050





A modern interior space with dark grey walls and a white ceiling. In the foreground, a bright green armchair is positioned. In the background, a blurred figure of a person is walking past a white reception desk. On the desk, there is a potted plant and a printer. Three black cylindrical pendant lights hang from the ceiling. A security camera is mounted on the wall above the desk. The text "Residence Rovinj" is visible on the right wall.

# Residence Rovinj

PROJECT: Residence Rovinj  
PHOTOGRAPHER: Eltor





# Icon single

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.             | W      | K     | V    | lm        | ÆxH     | kg  |
|------------------|--------|-------|------|-----------|---------|-----|
| <b>DULUX T/E</b> |        |       |      |           |         |     |
| 4343242          | 1x42W  | 3K/4K | 230V |           | 150x325 | 3,8 |
| <b>HCI-T</b>     |        |       |      |           |         |     |
| 4343270          | 1x70W  | 3K/4K | 230V |           | 150x325 | 3,8 |
| 4343215          | 1x150W | 3K/4K | 230V |           | 150x325 | 3,8 |
| <b>PAR30</b>     |        |       |      |           |         |     |
| 4343275          | 1x75W  | 3K/4K | 230V |           | 150x325 | 3,8 |
| <b>LED</b>       |        |       |      |           |         |     |
| 4343711          | 17,6W  | 3K/4K | 230V | 2778/2848 | 150x325 | 3,8 |
| 4343712          | 25,6W  | 3K/4K | 230V | 3747/3843 | 150x325 | 3,8 |

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje; halogene žarulje PAR30 max. 75W; metal halogene žarulje max. 150W; LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision

**Montaža:** pomoću visilice s autoblokirnim sistemom (u kompletu)

**Spajanje:** sa ukrasnom rozetom s prozirnim dekorativnim kablom 3x0,75 mm L=1500 mm

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** Dulux T/E bulbs; halogen bulbs PAR30 max 75W; metal halide bulbs max. 150W; new generation LED, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Difuser:** tempered, high resistance Clear Vision glass

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through decorative box with decorative transparent cable 3x0,75 mm L=1500 mm

**On request:** regulation unit DALI, DIM (see ordering instructions)



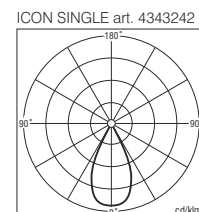
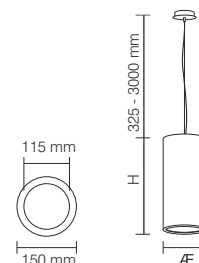
Prema zahtjevu:  
On request:



Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kablom Æ6 mm  
1x0,75mm², L=1500 mm  
Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
1x0,75 mm², L=1500 mm



Dekoratívna sajla za  
vješanje L=1500mm  
Decorative hanging  
wire L=1500mm



# Icon double

Dvostruka viseća svjetiljka / Double suspended lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.             | W         | K     | V    | lm        | ÆxH     | kg  |
|------------------|-----------|-------|------|-----------|---------|-----|
| <b>DULUX T/E</b> |           |       |      |           |         |     |
| 4353242          | 2 x 42W   | 3K/4K | 230V |           | 150x650 | 7,6 |
| <b>HCI-T</b>     |           |       |      |           |         |     |
| 4353270          | 2 x 70W   | 3K/4K | 230V |           | 150x650 | 7,5 |
| 4353215          | 2 x 150W  | 3K/4K | 230V |           | 150x650 | 7,7 |
| <b>PAR30</b>     |           |       |      |           |         |     |
| 4353275          | 2 x 75W   | 3K/4K | 230V |           | 150x650 | 7,7 |
| <b>LED</b>       |           |       |      |           |         |     |
| 4353711          | 2 x 17,6W | 3K/4K | 230V | 5556/5696 | 150x650 | 7,7 |
| 4353712          | 2 x 25,6W | 3K/4K | 230V | 7494/7686 | 150x650 | 7,7 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje; halogene žarulje PAR30 max. 75W; metal halogene žarulje max. 150W; LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision

**Montaža:** pomoću visilice s autoblokirnim sistemom (u kompletu)

**Spajanje:** sa ukrasnom rozetom s prozirnim dekorativnim kabelom 3x0,75 mm L=1500 mm

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** Dulux T/E bulbs; halogen bulbs PAR30 max 75W; metal halide bulbs max. 150W; new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** tempered, high resistance Clear Vision glass

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through decorative box with decorative transparent cable 3x0,75 mm L=1500 mm

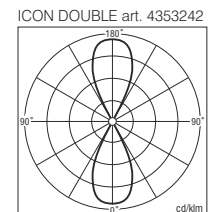
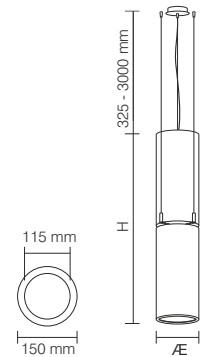
**On request:** regulation unit DALI, DIM (see ordering instructions)



Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
1x0,75mm², L=1500 mm  
Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
1x0,75 mm², L=1500 mm



Dekoratívna saĵa za  
vješanje x3, L=1500mm  
Decorative hanging  
wire x3, l=1500mm



# Icon 200

Nadgradna svjetiljka / Surface lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.        | W        | K     | V    | lm        | Æ x H   | kg  |
|-------------|----------|-------|------|-----------|---------|-----|
| <b>GU10</b> |          |       |      |           |         |     |
| 4261050     | 1 x GU10 | 3K/4K | 230V |           | 100x200 | 0,6 |
| <b>LED</b>  |          |       |      |           |         |     |
| 4261710     | 8,8W     | 3K/4K | 230V | 840/890   | 100x200 | 0,7 |
| 4261711     | 12,2W    | 3K/4K | 230V | 1170/1270 | 100x200 | 0,7 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** vijcima na strop

**Spajanje:** demontažom gornjeg poklopca (nosača), dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Mounting:** with screws to the ceiling

**Connecting:** through disassembling upper cover (bracket), connection clamps and all other electronic components are available

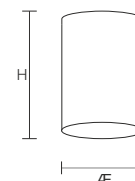
**On request:** regulation unit DALI, DIM (see ordering instructions)



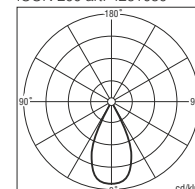
prema zahtjevu / on request:



Odasijač zlatne boje  
Gold color reflector  
art. 692



ICON 200 art. 4261050



# Icon wall

Zidna svjetiljka / Wall lamp

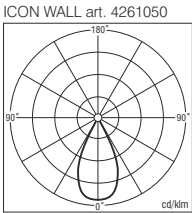
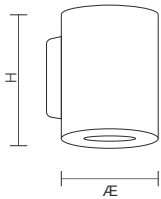


**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom  
**Standardna finostrukturna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** GU10 žarulje  
**Montaža:** nosačem na zid  
**Spajanje:** demontažom nosača dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** white, gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** GU10 bulbs  
**Mounting:** with bracket to the wall  
**Connecting:** through disassembling the bracket, connection clamps and all other electronic components are available



| Art.                        | W        | K     | V    | lm | Æx H    | kg  |
|-----------------------------|----------|-------|------|----|---------|-----|
| <b>DIRECT GU10</b>          |          |       |      |    |         |     |
| 4264050                     | 1 x GU10 | 3K/4K | 230V |    | 100x110 | 0,5 |
| <b>DIRECT/INDIRECT GU10</b> |          |       |      |    |         |     |
| 4264250                     | 2 x GU10 | 3K/4K | 230V |    | 100x220 | 1,1 |







PROJECT: Kozlović Winery  
PHOTOGRAPHER: Eltor

# Icon table

Stolna svjetiljka / Table lamp



BIJELA/WHITE (W)



CRVENA/RED(G)

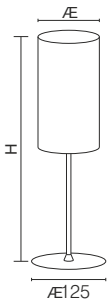


CRNA/BLACK (B)

| Art.           | W       | V    | ÆxH     | kg  |
|----------------|---------|------|---------|-----|
| <b>E14 ECO</b> |         |      |         |     |
| 4278140        | 1 x E14 | 230V | 100x380 | 0,3 |

**Kućište:** aluminij obojan termoeпокsidnom bojom  
**Standardna boja:** bijela, crna, crvena  
**Boja napojnog kabela:** crvena, crna, crno-bijela  
**Napajanje:** 230V/50Hz  
**Izvor svjetla:** E14 žarulje  
**Montaža:** samostojeća stolna svjetiljka  
**Prema zahtjevu:** napojni kabel u raznim bojama

**Housing:** aluminium, covered with thermal epoxy color  
**Standard color:** white, black, red  
**Power cord color:** transparent, black/white, red, black  
**Power:** 230V/50Hz  
**Light source:** E14 bulbs  
**Mounting:** freestanding lamp  
**On request:** power cord in different colors







# Plat

Dizajn svjetiljke PLAT inspiriran je geometrijskim i oku ugodnim oblicima.

Kućište od ekstrudiranog aluminijskog profila je istovremeno elegantno i čvrsto a difuzor izrađen od opalnog polikarbonata omekšava svjetlosni snop.

Minimalistički i nenametljiv dizajn savršen je za uklapanje u moderno dizajnirane interijere, trgovine, stambene prostore i hotelijerske komplekse.

*The design of PLAT luminaire is inspired with simple geometric and eye pleasing shapes.*

*Housing made from extruded aluminium profile is at the same time elegant and sturdy and the diffuser is made from opal polycarbonate that softens the light beam.*

*With a minimalistic and unobtrusive design it fits perfectly in modern interiors, shops, living spaces and hotel complexes.*

NAMJENA / USAGE





PROJECT: Villa Radetići  
DESIGNER: BR homes  
PHOTO: Level 52



# Plat

Nadgradna LED svjetiljka / Surface mounted LED lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | ÆxH     |
|------------|-------|-------|------|-----------|---------|
| <b>LED</b> |       |       |      |           |         |
| 3431706    | 7,8W  | 3K/4K | 230V | 970/1030  | 130x130 |
| 3431708    | 15,5W | 3K/4K | 230V | 1940/2070 | 130x130 |
| 3431710    | 17,6W | 3K/4K | 230V | 2778/2848 | 130x130 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubljеšteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** vijcima na strop/zid

**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

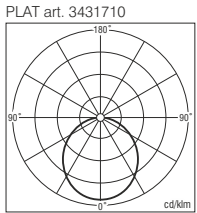
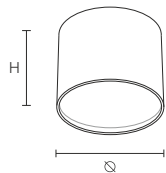
**Mounting:** with screws to the ceiling/wall

**Connecting:** through removing the housing, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:





# Plat Angle

Nadgradna LED svjetiljka / Surface mounted LED lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.    | W     | K     | V    | lm        | ÆxH     |
|---------|-------|-------|------|-----------|---------|
| LED     |       |       |      |           |         |
| 3581706 | 7,8W  | 3K/4K | 230V | 970/1030  | 130x230 |
| 3581708 | 15,5W | 3K/4K | 230V | 1940/2070 | 130x230 |
| 3581710 | 17,6W | 3K/4K | 230V | 2778/2848 | 130x230 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"  
**Montaža:** vijcima na strop/zid  
**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** white, grey, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Mounting:** with screws to the ceiling/wall  
**Connecting:** through removing the housing, connection clamps and all other electronic components are available  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP44 IK07

CE

100°

F

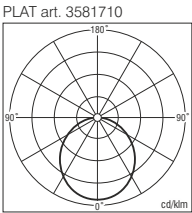
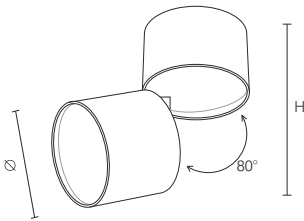
1m D

LED

Prema zahtjevu:  
On request:

DALI

DIM







# Style

Svjetiljka jednostavnog kvadratnog oblika dostupna u raznim varijantama, idealna je za naglašavanje arhitektonskih karakteristika prostora sa širokom paletom izvedbi. Dostupna je u nadgradnoj, zidnoj i visećoj varijanti. Zbog svog jednostavnog dizajna i oštih linija lako će se uklopiti u svaki prostor te ga istovremeno estetski podignuti na višu razinu.

*Square luminaire ideal for accentuating space with wide variety of types. It comes in ceiling, wall mounted and suspended variation. The minimalistic design elements and straight lines it fits easily in any space while at the same time enhancing the space aesthetically on a new level.*

## NAMJENA / USAGE



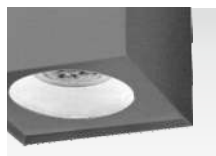


# Style

Nadgradna/zidna svjetiljka / Surface/wall mounted lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje

**Montaža:** pomoću vijaka na strop/zid

**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

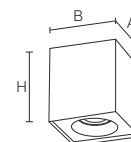
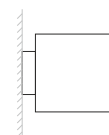
**Light source:** GU10 bulbs

**Mounting:** with screws to the ceiling/wall

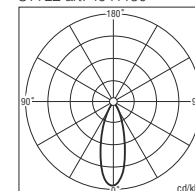
**Connecting:** through removing the housing, connection clamps and all other electronic components are available



| Art.                          | W        | K     | V    | AxBxH       | kg  |
|-------------------------------|----------|-------|------|-------------|-----|
| <b>GU10 Nadgradni/Ceiling</b> |          |       |      |             |     |
| 4041150                       | 1 x GU10 | 3K/4K | 230V | 100x100x110 | 0,8 |
| <b>GU10 Zidni/Wall</b>        |          |       |      |             |     |
| 4044150                       | 1 x GU10 | 3K/4K | 230V | 100x100x110 | 1,0 |



STYLE art. 4041150





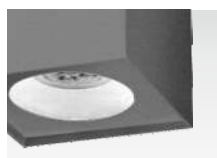
PROJECT: Italian community building  
PHOTOGRAPHER: Eitor

# Style double

Nadgradna/zidna svjetiljka / Surface/wall mounted lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje

**Montaža:** pomoću vijaka na strop/zid

**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

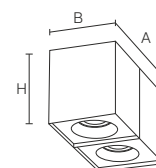
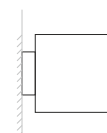
**Light source:** GU10 bulbs

**Mounting:** with screws to the ceiling/wall

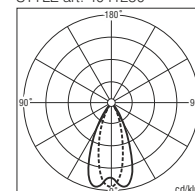
**Connecting:** through removing the housing, connection clamps and all other electronic components are available



| Art.                          | W        | K     | V    | AxBxH       | kg   |
|-------------------------------|----------|-------|------|-------------|------|
| <b>GU10 Nadgradni/Ceiling</b> |          |       |      |             |      |
| 4041250                       | 2 x GU10 | 3K/4K | 230V | 200x100x110 | 1,50 |
| <b>GU10 Zidni/Wall</b>        |          |       |      |             |      |
| 4044250                       | 2 x GU10 | 3K/4K | 230V | 200x100x110 | 1,70 |



STYLE art. 4041250

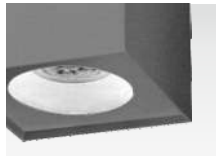


# Style suspended

Viseća svjetiljka / *Suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

| Art.        | W        | K     | V    | AxBxH       | kg  |
|-------------|----------|-------|------|-------------|-----|
| <b>GU10</b> |          |       |      |             |     |
| 4043150     | 1 x GU10 | 3K/4K | 230V | 100x100x110 | 0,7 |
| 4043250     | 1 x GU10 | 3K/4K | 230V | 100x100x220 | 1,5 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** GU10 žarulje

**Montaža:** vješanjem na napojni kabel, max. L=1500mm

**Spajanje:** skidanjem ukrasne rozete dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

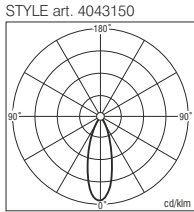
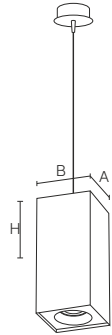
**Light source:** GU10 bulbs

**Mounting:** hanging on power supply cable, max. L=1500mm

**Connecting:** through removing the decorative box, connection clamps and all other electronic components are available



90x90x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom  $\varnothing 6$  mm  
3x0,75mm<sup>2</sup>, L=1500 mm  
90x90x25 mm  
decorative box with decorative  
transparent cable  $\varnothing 6$  mm  
3x0,75 mm<sup>2</sup>, L=1500 mm





# Style D/I

Zidna svjetiljka / Wall mounted lamp



BIJELA/WHITE (W)



SIVA/GREY(G)

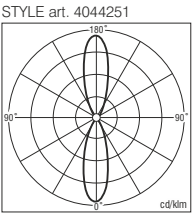
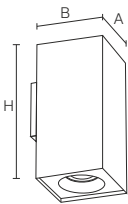


CRNA/BLACK (B)

| Art.        | W        | K     | V    | AxBxH       | kg  |
|-------------|----------|-------|------|-------------|-----|
| <b>GU10</b> |          |       |      |             |     |
| 4044251     | 2 x GU10 | 3K/4K | 230V | 100x100x220 | 1,5 |

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** GU10 žarulje  
**Montaža:** pomoću vijaka na strop/zid  
**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** white, gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** GU10 bulbs  
**Mounting:** with screws to the ceiling/wall  
**Connecting:** through removing the housing, connection clamps and all other electronic components are available





# Aura

Dekoratívne stropné svietilky línia Aura nastajú z ručne puhanog troslojnog "triplex opal" Murano stakla kako bi se postigla visoka trajnost i kvaliteta difuzora te homogeni efekt svjetlosti, koji omogućuje visok stupanj komfora i oku ugodno osvjetljenje a zaobljeni oblik stakla uklapa se u prostore boravka, pružajući nježne i fluidne linije, te estetski oplemenjuje prostor i podiže ga na višu razinu.

*Decorative ceiling Aura line of luminaires are created from hand blown three-layer "triplex opal" Murano glass. This way the high durability and diffuser quality is achieved, along with homogenous effect which creates a high-comfort atmosphere and eye pleasing illumination. Curved shape of glass fits perfectly in all living areas and at the same time elevates the space on the next level.*

## NAMJENA / USAGE



# Aura

Nadgradna stropna/zidna svjetiljka / *Surface mounted/wall mounted lamp*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux D/E, T/E, E27 ECO žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++

**Difuzor:** protublješteće opalno satinirano troslojno triplex Murano staklo homogenog efekta

**Montaža:** pomoću vijaka na strop/zid

**Spajanje:** skidanjem difuzora (klik sustav) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy finely-textured white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

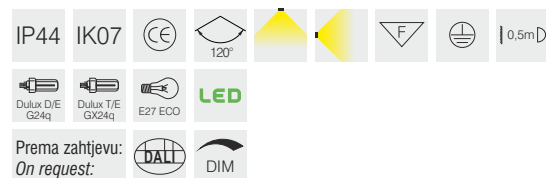
**Light source:** Dulux D/E, T/E, E27 ECO bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++

**Diffuser:** glare-free opal satinated three-layer triplex Murano glass with homogenous effect

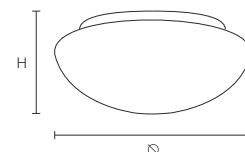
**Mounting:** with screws to the ceiling/wall

**Connecting:** through removing the diffuser (with click system), connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



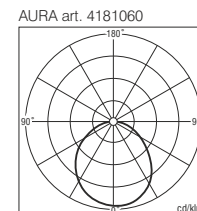
| Art.           | W       | K     | V    | lm        | ÆxH     | kg  |
|----------------|---------|-------|------|-----------|---------|-----|
| <b>E27 ECO</b> |         |       |      |           |         |     |
| 4181060        | 1 x E27 | 3K/4K | 230V |           | 220x110 | 0,9 |
| 4181100        | 1 x E27 | 3K/4K | 230V |           | 280x120 | 1,1 |
| 4181260        | 2 x E27 | 3K/4K | 230V |           | 350x120 | 1,6 |
| 4181275        | 2 x E27 | 3K/4K | 230V |           | 420x120 | 4,0 |
| 4181360        | 3 x E27 | 3K/4K | 230V |           | 490x120 | 4,4 |
| <b>TC-D/E</b>  |         |       |      |           |         |     |
| 4181113        | 1x13W   | 3K/4K | 230V |           | 220x110 | 1,2 |
| 4181118        | 1x18W   | 3K/4K | 230V |           | 280x120 | 1,5 |
| 4181218        | 2x18W   | 3K/4K | 230V |           | 350x120 | 2,3 |
| 4181226        | 2x26W   | 3K/4K | 230V |           | 420x120 | 5,0 |
| <b>TC-T/E</b>  |         |       |      |           |         |     |
| 4181232        | 2x32W   | 3K/4K | 230V |           | 490x120 | 4,7 |
| <b>LED</b>     |         |       |      |           |         |     |
| 4181711        | 20,9W   | 3K/4K | 230V | 2600/2780 | 220x110 | 0,9 |
| 4181721        | 18,7W   | 3K/4K | 230V | 2750/3040 | 280x120 | 1,1 |
| 4181731        | 24,3W   | 3K/4K | 230V | 3060/3260 | 350x120 | 1,6 |
| 4181741        | 26,7W   | 3K/4K | 230V | 3720/4100 | 420x120 | 4,0 |
| 4181751        | 35,0W   | 3K/4K | 230V | 4798/5036 | 490x120 | 4,4 |



Slični proizvodi  
Related products:



**CIRCOLINA**  
Str. 65



# Aura AP

Zidna svjetiljka / Wall mounted lamp



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux D/E i T/E žarulje, E27 ECO; LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protublješteće opalno satinirano troslojno triplex Murano staklo homogenog efekta

**Montaža:** pomoću vijaka na zid

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Housing:** steel sheet-metal covered with thermal epoxy finely-textured white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** Dulux D/E and T/E bulbs, E27 ECO; new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

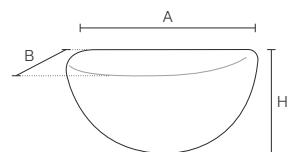
**Diffuser:** glare-free opal satinated three-layer triplex Murano glass with homogenous effect

**Mounting:** with screws to the wall

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available



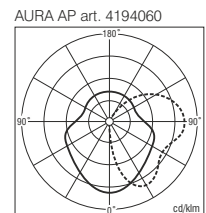
| Art.           | W       | K     | V    | lm        | A x B x H   | kg  |
|----------------|---------|-------|------|-----------|-------------|-----|
| <b>E27 ECO</b> |         |       |      |           |             |     |
| 4194060        | 1 x E27 | 3K/4K | 230V |           | 250x140x120 | 1,6 |
| 4194100        | 1 x E27 | 3K/4K | 230V |           | 350x150x190 | 2,0 |
| 4194260        | 2 x E27 | 3K/4K | 230V |           | 350x200x175 | 2,4 |
| <b>TC-D/E</b>  |         |       |      |           |             |     |
| 4194113        | 1x13W   | 3K/4K | 230V |           | 250x140x120 | 1,8 |
| 4194126        | 1x26W   | 3K/4K | 230V |           | 350x150x190 | 2,4 |
| <b>TC-T/E</b>  |         |       |      |           |             |     |
| 4194232        | 1x42W   | 3K/4K | 230V |           | 350x200x175 | 2,6 |
| <b>LED</b>     |         |       |      |           |             |     |
| 4194711        | 12,0W   | 3K/4K | 230V | 1920/2000 | 250x140x120 | 1,6 |
| 4194721        | 24,0W   | 3K/4K | 230V | 3840/4000 | 350x150x190 | 2,0 |



Slični proizvodi  
Related products:



**GREEK**  
Str. 61





# Greek

Minimalistička, dekorativna zidna lampa polu-kružnog oblika. Greek je izrađen od 100% prirodnog gipsanog kalcijevog **alabastera**, nastalog mješanjem mineralnih spojeva. Lampa dolazi u standardnoj i direkt/indirektnoj varijanti te je idealna za dekoraciju stambenih prostora, hodnika i ureda.

*Minimalistic, decorative semi circular luminaire for wall mounting. Greek is made from 100% natural gypsum calcite **alabaster**, created by mixing mineral elements. Luminaire comes in standard and direct/indirect variant and it's ideal for decorative use in living spaces, halls and offices.*

NAMJENA / USAGE





# Greek

Zidna Alabaster **LED** svjetiljka / Wall mounted Alabaster **LED** lamp



**Kućište:** gipsani kalcijev alabaster

**Standardna boja:** bijela (moguće obojiti u boju interijera)

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pomoću vijaka na zid

**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Housing:** gypsum calcite alabaster

**Standard color:** white (can be colored in interior color)

**Power:** 230V/50Hz

**Supply unit:** built in the housing

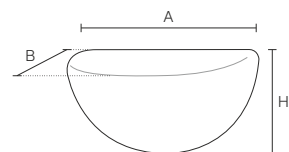
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Mounting:** with screws to the wall

**Connecting:** through removing the housing, connection clamps and all other electronic components are available



| Art.       | W     | K     | V    | lm        | A x B x H   | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>LED</b> |       |       |      |           |             |     |
| 3524721    | 11,3W | 3K/4K | 230V | 1100/1100 | 280x140x150 | 0,6 |
| 3524722    | 17,5W | 3K/4K | 230V | 1300/1400 | 280x140x150 | 0,6 |

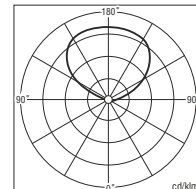


Slični proizvodi  
Related products:



**AURA AP**  
Str. 58

GREEK art. 3524721



# Greek D/I

Zidna direkt/indirekt Alabaster LED svjetiljka / Wall mounted direct/indirect Alabaster LED lamp

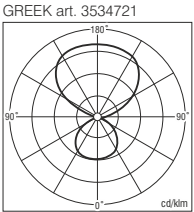
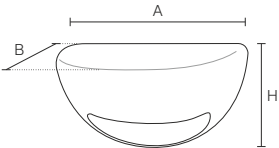


**Kućište:** gipsani kalcijev alabaster  
**Standardna boja:** bijela (moguće obojiti u boju interijera )  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pomoću vijaka na zid  
**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i ostale električne komponente

**Housing:** gypsum calcite alabaster  
**Standard color:** white (can be colored in interior color)  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+  
**Mounting:** with screws to the wall  
**Connecting:** through removing the housing, connection clamps and all other electronic components are available



| Art.       | W     | K     | V    | lm        | A x Bx H    | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>LED</b> |       |       |      |           |             |     |
| 3534721    | 11,3W | 3K/4K | 230V | 1100/1100 | 280x140x150 | 0,5 |
| 3534722    | 17,5W | 3K/4K | 230V | 1300/1400 | 280x140x150 | 0,5 |







# Circolina

Dekoratívna svietilka iz samogasivog polikarbonata  
Dolazi u stropnoj kružnoj izvedbi a zahvaljujući homogenom efektu opalnog polikarbonata, svijetlost je mekana, oku ugodna i opuštajuća. Circolina svjetiljke svojim su dizajnom idealne za kreativnu dekoraciju prostora.

*Decorative luminaire made from self-extinguishing polycarbonate.  
It comes in circular design for ceilings and thanks to the homogenic effect of opal polycarbonate, the light is mellow, eye pleasing and relaxing.  
Circolina luminaire is ideal for creative decoration of space.*

## NAMJENA / USAGE



# Circolina

Nadgradna svjetiljka / *Surface mounted lamp*



**Kućište:** samogasivi polikarbonat  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** E27, Dulux D/E i T/E žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** protubljesteća polikarbonatna kapa homogenog efekta  
**Montaža:** pomoću vijaka na strop  
**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM, IP55 (vidi upute za naručivanje)

**Housing:** self-extinguishing polycarbonate  
**Standard color:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** E27, Dulux D/E and T/E bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** anti-glare opal polycarbonate with homogenous effect  
**Mounting:** with screws to the ceiling  
**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available  
**On request:** regulation unit DALI, DIM, IP55 (see ordering instructions)

IP44

IK07

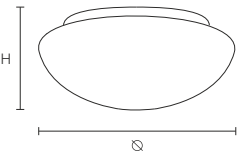
CE

LED

Prema zahtjevu:  
On request:

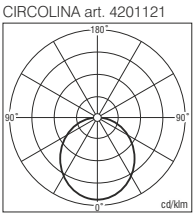
IP55

| Art.             | W     | K     | V    | lm        | ÆxH     | kg  |
|------------------|-------|-------|------|-----------|---------|-----|
| <b>E27</b>       |       |       |      |           |         |     |
| 4201127          | 1xE27 | 3K/4K | 230V |           | 220x100 | 0,5 |
| 4201227          | 1xE27 | 3K/4K | 230V |           | 300x105 | 0,8 |
| 4201327          | 2xE27 | 3K/4K | 230V |           | 400x115 | 1,5 |
| <b>Dulux D/E</b> |       |       |      |           |         |     |
| 4201118          | 1x18W | 3K/4K | 230V |           | 300x105 | 1,0 |
| 4201126          | 1x26W | 3K/4K | 230V |           | 300x105 | 1,0 |
| 4201218          | 2x18W | 3K/4K | 230V |           | 400x115 | 1,7 |
| 4201226          | 2x26W | 3K/4K | 230V |           | 400x115 | 1,7 |
| <b>Dulux T/E</b> |       |       |      |           |         |     |
| 4201132          | 1x32W | 3K/4K | 230V |           | 300x105 | 1,0 |
| 4201142          | 1x42W | 3K/4K | 230V |           | 300x105 | 1,0 |
| 4201232          | 2x32W | 3K/4K | 230V |           | 400x115 | 1,7 |
| 4201242          | 2x42W | 3K/4K | 230V |           | 400x115 | 1,7 |
| <b>LED</b>       |       |       |      |           |         |     |
| 4201711          | 12,6W | 3K/4K | 230V | 1980/2190 | 220x100 | 0,7 |
| 4201721          | 18,7W | 3K/4K | 230V | 2750/3040 | 300x105 | 1,0 |
| 4201731          | 26,7W | 3K/4K | 230V | 3720/4100 | 400x115 | 1,7 |



Slični proizvodi  
*Related products:*

**AURA**  
Str. 57





# Circolina 2

Nadgradna LED svjetiljka / Surface mounted LED lamp

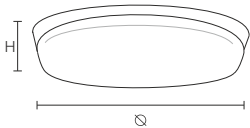


**Kućište:** samogasivi polikarbonat  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** protubljesteća polikarbonatna kapa homogenog efekta  
**Montaža:** pomoću vijaka na strop  
**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Housing:** self-extinguishing polycarbonate  
**Standard color:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** anti-glare opal polycarbonate with homogenous effect  
**Mounting:** with screws to the ceiling  
**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available



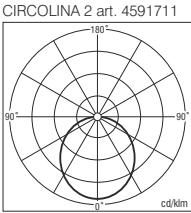
| Art.    | W     | K     | V    | lm        | ØxH    | kg  |
|---------|-------|-------|------|-----------|--------|-----|
| 4591711 | 14,5W | 3K/4K | 230V | 1600/1600 | 310x61 | 0,5 |



Slični proizvodi  
Related products:



AURA  
Str. 57





# Line

Arhitektura i rasvjeta izražavaju kvalitetu kako našeg životnog prostora tako i naš radni okoliš. U prostoru gdje se dešavaju neprestane promjene, visoka dinamika, statični koncepti unutrašnje opreme i rasvjete nisu usklađeni. Traže se promjene, fleksibilnost i dinamika što se odnosi i na rasvjetu, koja će poštivati različite namjene upotrebe i usklađenje sa dnevnim svjetlom.

LINE nudi sistem rasvjete koji idealno ispunjava zahtjeve po različitoj strukturi rasvjete. Kombinacijom direktne i/ili indirektna rasvjete omogućuje se isceniranje svjetlosti u kancelarijskim prostorima, konferencijskim dvoranama, auto salonima, muzejima, galerijama, trgovačkim centrima.

*Architecture and illumination express the quality of our living environment as well as our working space.*

*In an environment where constant changes are happening with high dynamic, static concept of interior illumination and equipment aren't harmonized. Changes are needed, flexibility and dynamic, which applies onto illumination as well.*

*LINE offers lighting system which ideally fulfills the needs of specific environment.*

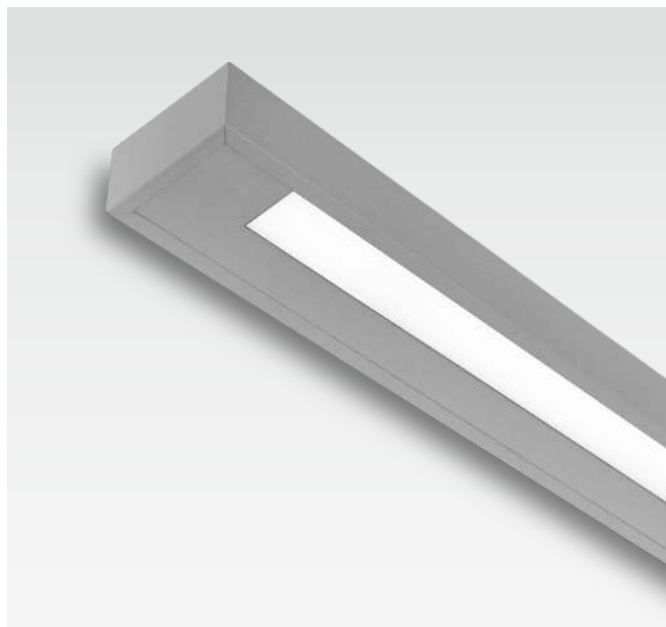
*By combining direct and/or indirect illumination, light planning for various offices, conference spaces, halls, saloons, museums, shopping centers becomes not only possible but desirable.*

## NAMJENA / USAGE

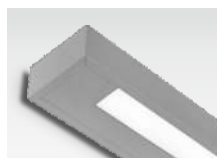


# Line Slim 40

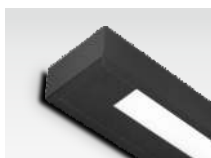
Zidna LED svjetiljka / Wall mounted LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminijski profil obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na zid

**Spajanje:** na stražnjoj strani svjetiljke dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium profile covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

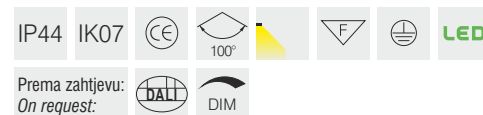
LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

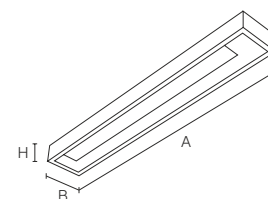
**Mounting:** with holders to the wall

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

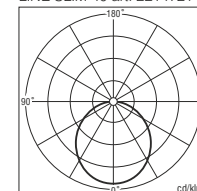
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.                                                                     | W     | K     | V    | lm        | AxBxH      | kg  |
|--------------------------------------------------------------------------|-------|-------|------|-----------|------------|-----|
| <b>LED</b> Direktna distribucija rasvjete / Direct lighting distribution |       |       |      |           |            |     |
| 2214711                                                                  | 8,4W  | 3K/4K | 230V | 1400/1460 | 600x80x40  | 2,3 |
| 2214712                                                                  | 12,0W | 3K/4K | 230V | 1920/2000 | 600x80x40  | 2,3 |
| 2214721                                                                  | 12,6W | 3K/4K | 230V | 2100/2190 | 880x80x40  | 2,9 |
| 2214722                                                                  | 18,0W | 3K/4K | 230V | 2880/3000 | 880x80x40  | 2,9 |
| 2214731                                                                  | 16,8W | 3K/4K | 230V | 2800/2920 | 1160x80x40 | 3,8 |
| 2214732                                                                  | 24,0W | 3K/4K | 230V | 3840/4000 | 1160x80x40 | 3,8 |
| 2214741                                                                  | 21,0W | 3K/4K | 230V | 3500/3650 | 1440x80x40 | 4,5 |
| 2214742                                                                  | 30,0W | 3K/4K | 230V | 4800/5000 | 1440x80x40 | 4,5 |

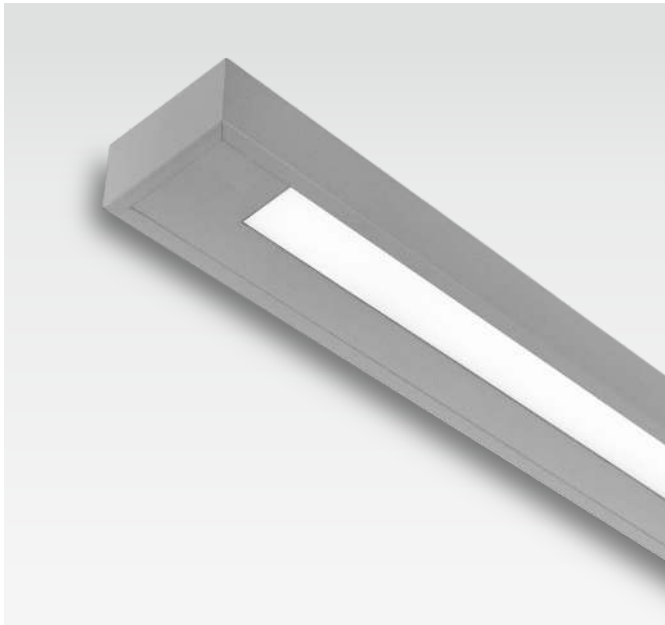


LINE SLIM 40 art. 2214721

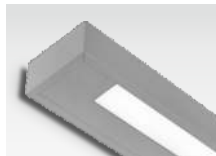


# Line Slim 40

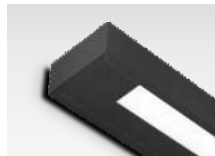
Zidna svjetiljka / Wall mounted lamp



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminijski profil obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** nosačima na zid

**Spajanje:** na stražnjoj strani svjetiljke dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium profile covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

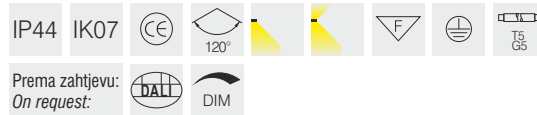
**Light source:** fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

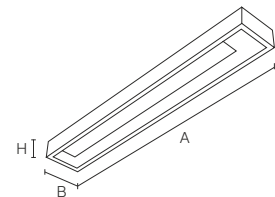
**Mounting:** with holders to the wall

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

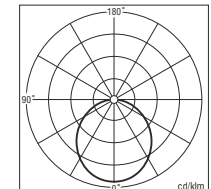
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.                                                                                      | W     | K     | V    | AxBxH      | kg  |
|-------------------------------------------------------------------------------------------|-------|-------|------|------------|-----|
| <b>T5</b> Direktna distribucija rasvjeta / Direct lighting distribution                   |       |       |      |            |     |
| 2214114                                                                                   | 1x14W | 3K/4K | 230V | 640x80x40  | 2,8 |
| 2214124                                                                                   | 1x24W | 3K/4K | 230V | 640x80x40  | 2,8 |
| 2214121                                                                                   | 1x21W | 3K/4K | 230V | 940x80x40  | 3,5 |
| 2214139                                                                                   | 1x39W | 3K/4K | 230V | 940x80x40  | 3,5 |
| 2214128                                                                                   | 1x28W | 3K/4K | 230V | 1240x80x40 | 4,5 |
| 2214154                                                                                   | 1x54W | 3K/4K | 230V | 1240x80x40 | 4,5 |
| 2214135                                                                                   | 1x35W | 3K/4K | 230V | 1540x80x40 | 5,0 |
| 2214149                                                                                   | 1x49W | 3K/4K | 230V | 1540x80x40 | 5,0 |
| <b>T5</b> Direkt/indirektna distribucija rasvjeta / Direct/indirect lighting distribution |       |       |      |            |     |
| 2214115                                                                                   | 1x14W | 3K/4K | 230V | 640x80x40  | 2,8 |
| 2214125                                                                                   | 1x24W | 3K/4K | 230V | 640x80x40  | 2,8 |
| 2214122                                                                                   | 1x21W | 3K/4K | 230V | 940x80x40  | 3,5 |
| 2214140                                                                                   | 1x39W | 3K/4K | 230V | 940x80x40  | 3,5 |
| 2214129                                                                                   | 1x28W | 3K/4K | 230V | 1240x80x40 | 4,5 |
| 2214155                                                                                   | 1x54W | 3K/4K | 230V | 1240x80x40 | 4,5 |
| 2214136                                                                                   | 1x35W | 3K/4K | 230V | 1540x80x40 | 5,0 |
| 2214150                                                                                   | 1x49W | 3K/4K | 230V | 1540x80x40 | 5,0 |



LINE SLIM 40 art. 2214121





# Line Wall D/I

Zidna direkt/indirektna LED svjetiljka / Wall mounted direct/indirect LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminijski profil obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** nosačima na zid

**Spajanje:** na stražnjoj strani svjetiljke dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium profile covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

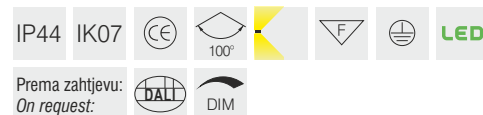
LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

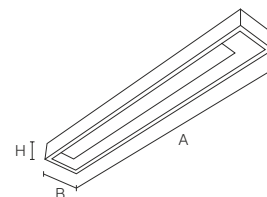
**Mounting:** with holders to the wall

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

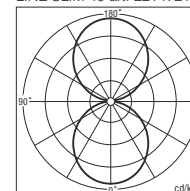
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.                                                                     | W         | K     | V    | lm         | AxBxH      | kg  |
|--------------------------------------------------------------------------|-----------|-------|------|------------|------------|-----|
| <b>LED</b> Direktna distribucija rasvjetе / Direct lighting distribution |           |       |      |            |            |     |
| 2194711                                                                  | 2 x 8,4W  | 3K/4K | 230V | 2800/2920  | 600x80x40  | 2,3 |
| 2194712                                                                  | 2 x 12,0W | 3K/4K | 230V | 3840/4000  | 600x80x40  | 2,3 |
| 2194721                                                                  | 2 x 12,6W | 3K/4K | 230V | 4200/4380  | 880x80x40  | 2,9 |
| 2194722                                                                  | 2 x 18,0W | 3K/4K | 230V | 5760/6000  | 880x80x40  | 2,9 |
| 2194731                                                                  | 2 x 16,8W | 3K/4K | 230V | 5600/5840  | 1160x80x40 | 3,8 |
| 2194732                                                                  | 2 x 24,0W | 3K/4K | 230V | 7680/8000  | 1160x80x40 | 3,8 |
| 2194741                                                                  | 2 x 21,0W | 3K/4K | 230V | 7000/7300  | 1440x80x40 | 4,5 |
| 2194742                                                                  | 2 x 30,0W | 3K/4K | 230V | 9600/10000 | 1440x80x40 | 4,5 |



LINE SLIM 40 art. 2214721



# Line quadrant

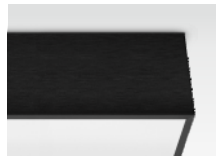
Nadgradna/viseća svjetiljka / *Surface mounted/suspended lamp*



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Difuzor:** protubljеšteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux D/E, Dulux L žarulje, LED nove generacije, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** demontažom okvira dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Supply unit:** built in the housing

**Light source:** Dulux D/E, Dulux L bulbs, new generation LED, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** through removing the rim, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



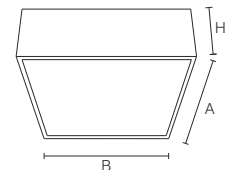
| Art.             | W     | K     | V    | lm        | A x B x H   | kg  |
|------------------|-------|-------|------|-----------|-------------|-----|
| <b>Dulux D/E</b> |       |       |      |           |             |     |
| 2001218          | 2x18W | 3K/4K | 230V |           | 225x225x100 | 2,5 |
| 2001226          | 2x26W | 3K/4K | 230V |           | 225x225x100 | 2,5 |
| <b>TC-L</b>      |       |       |      |           |             |     |
| 2001219          | 2x18W | 3K/4K | 230V |           | 305x305x100 | 3,6 |
| 2001237          | 2x36W | 3K/4K | 230V |           | 505x305x100 | 4,7 |
| 2001437          | 4x36W | 3K/4K | 230V |           | 505x505x100 | 5,7 |
| <b>LED</b>       |       |       |      |           |             |     |
| 2001711          | 12,6W | 3K/4K | 230V | 1980/2190 | 225x225x100 | 2,5 |
| 2001712          | 18,7W | 3K/4K | 230V | 2750/3040 | 225x225x100 | 2,6 |
| 2001721          | 15,7W | 3K/4K | 230V | 2380/2540 | 305x305x100 | 3,6 |
| 2001732          | 34,1W | 3K/4K | 230V | 4600/5020 | 505x505x100 | 5,7 |



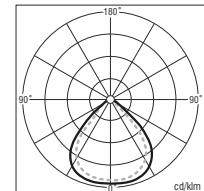
Ukрасna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 296**



LINE QUADRANT  
art. 2001218



# Line quadrant D/I

Viseća Direkt/Indirekt svjetiljka / *Suspended Direct/Indirect lamp*



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Difuzor:** protubljеšteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux D/E, Dulux L žarulje

**Montaža:** vješanje na čelične visilice

**Spajanje:** demontažom okvira dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Supply unit:** built in the housing

**Light source:** Dulux D/E, Dulux L bulbs

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** through removing the rim, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu: EM 1h EM 3h DALI DIM

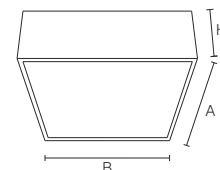
| Art.             | W     | K     | V    | A x B x H   | kg  |
|------------------|-------|-------|------|-------------|-----|
| <b>Dulux D/E</b> |       |       |      |             |     |
| 2003218          | 2x18W | 3K/4K | 230V | 225x225x100 | 2,5 |
| 2003226          | 2x26W | 3K/4K | 230V | 225x225x100 | 2,5 |
| <b>TC-L</b>      |       |       |      |             |     |
| 2003219          | 2x18W | 3K/4K | 230V | 305x305x100 | 3,6 |
| 2003237          | 2x36W | 3K/4K | 230V | 505x305x100 | 4,7 |
| 2003437          | 4x36W | 3K/4K | 230V | 505x505x100 | 5,7 |



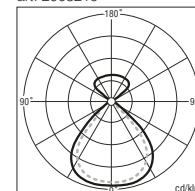
Ukрасna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**

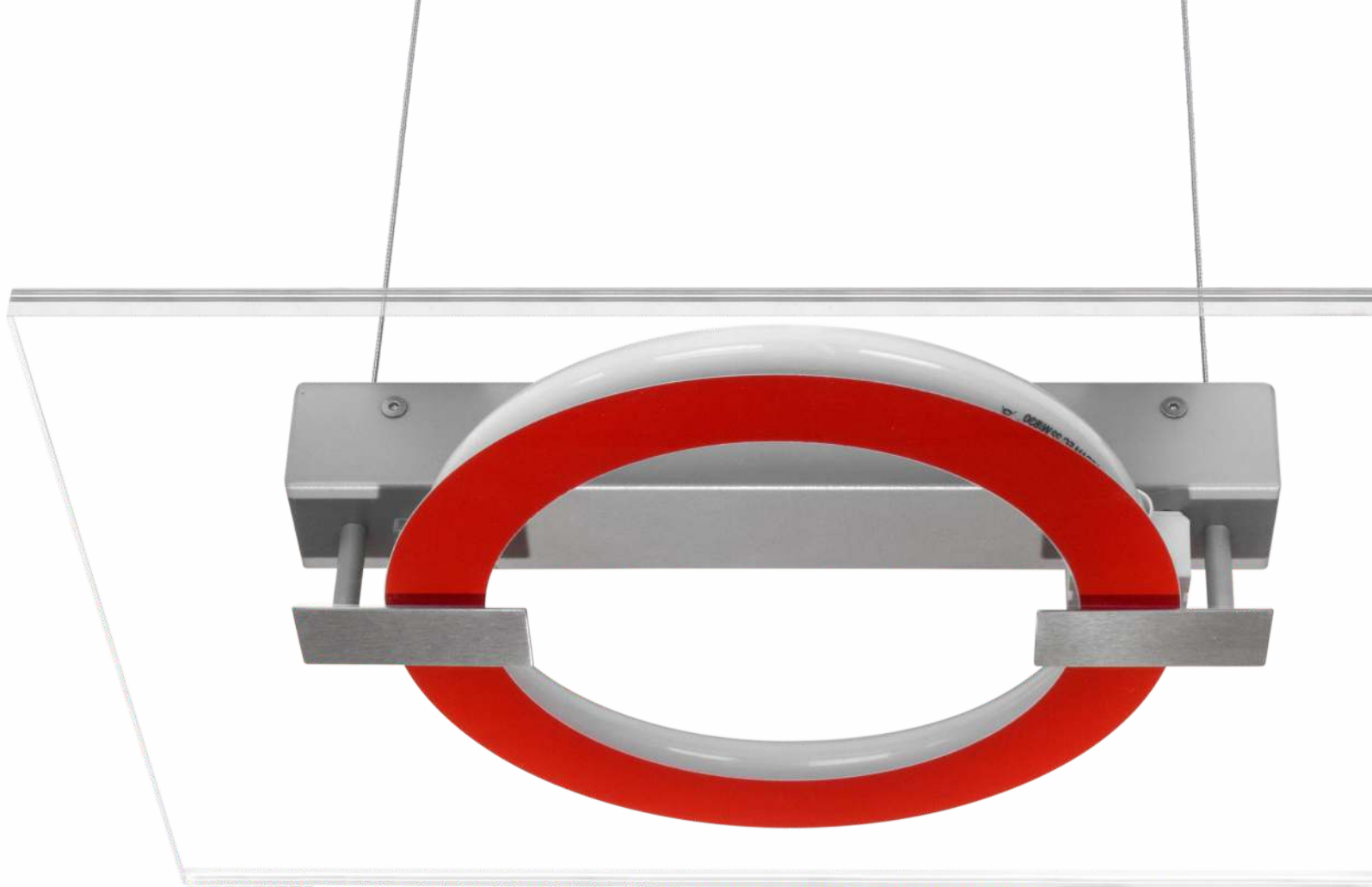


Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 296**



LINE QUADRANT  
art. 2003219





# Cercio

Minimalistička zidna/stropna ili viseća lampa sa dekorativnim difuzorom kružnog oblika na transparentnom pravokutnom polikarbonatu visoke kvalitete. Kružni difuzor je dostupan u raznim bojama kako bi omogućili daljnu personalizaciju a metalni detalji su od anodiziranog aluminija. Lampa dolazi u tri varijante i idealna je za dekoraciju stambenih prostora i ureda.

*Minimalistic wall/ceiling or suspended luminaire with a decorative ring diffuser on transparent rectangular plexiglass of high quality. The rings are available in multiple colors. Metal details are of anodized aluminium. The luminaire comes in three variations and it's ideal for decorating living spaces and offices.*

NAMJENA / USAGE







# Cercio

Nadgradna/viseća svjetiljka / Surface/suspended lamp



SIVA/GREY (S)



NARANDŽ/ORANGE (F)



CRVENA/RED (R)



PLAVA/BLUE (U)

**Nosač elemenata:** čelični lim, električki punktiran i obojen termoeпокsidnom bojom

**Standardna boja:** siva metalizirana

**Difuzor:** transparentni polikarbonat s dekorativnim prstenom

**Električne komponente:** elektronske prigušnice, ugrađene u kućište

**Izvor svjetla:** fluorescentne T9 cijevi

**Montaža:** vijcima na strop/zid / vješanje na čelične visilice

**Spajanje:** demontažom kućišta dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Carrier of elements:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard color:** metalized gray

**Diffuser:** transparent polycarbonate with decorative ring

**Supply unit:** electronic ballast built in the housing

**Light source:** fluorescent T9 tube

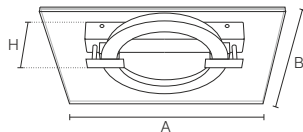
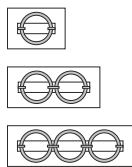
**Mounting:** with screws to the ceiling/wall / hanging on steel suspension wires

**Connecting:** through demounting the housing, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.      | W     | K     | V    | A x B x H   | kg  |
|-----------|-------|-------|------|-------------|-----|
| <b>T9</b> |       |       |      |             |     |
| 4121022   | 1x22W | 3K/4K | 230V | 410x300x85  | 2,0 |
| 4121222   | 2x22W | 3K/4K | 230V | 650x300x85  | 2,8 |
| 4121322   | 3x22W | 3K/4K | 230V | 1200x300x85 | 3,6 |

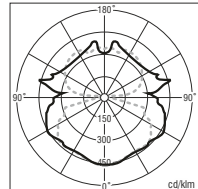


Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 296**

CERCIO art. 4121022





# Tiss

Inspiracija svjetlošću i prirodom je neiscrpna i uvijek iznova očaravajuća. I svjetlost i priroda ulaze u sve pore našeg postojanja, grade naše živote, utječu na naše raspoloženje i stanja, reguliraju naš biološki sat. Stoga ne čudi vječna zainteresiranost čovjeka da ih istraži, dokuči, obuzda.

Svjetiljka Tiss slavi prirodu i njezine plodove - sazdana je od prirodnog masivnog drva i njegovana prirodnim voskom. Tiss slavi i posvećenost radu - svoj karakteristični, cilindrični oblik duguje tradicionalnoj podrumarskoj opremi, konkretnije preši za grožđe. Igra svjetla i sjene koju stvara Tiss, prolaskom svjetlosti kroz okomite letvice sjenila daje poseban karakter prostoriji u kojoj se nalazi.

*Inspiration with light and nature is inexhaustible and always fascinating. Both the light and the nature are included in all aspects of our existence, build our lives, affect our moods and states, regulate our biological clock. It is therefore not surprising eternal interest of man to explore them, comprehend, curb.*

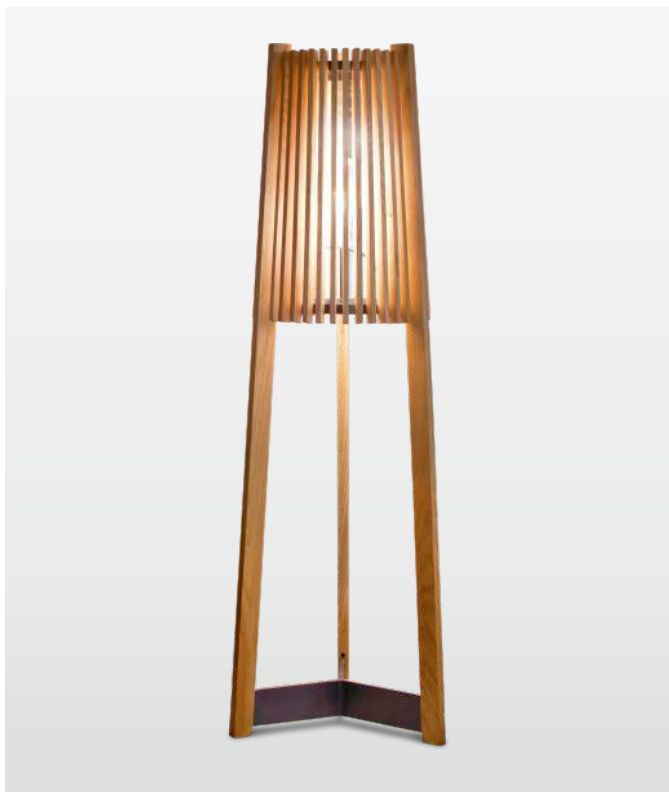
*Tiss celebrates nature and its fruits - composed of natural solid wood and cherished with natural wax. Tiss celebrates work and dedication as well - it's characteristic cylindrical shape invokes traditional cellar equipment, specifically a wine press. The play of light and shadows, created by Tiss, passing through the vertical blinds slats, gives special character and mood to the room it inhabits.*

NAMJENA / USAGE



# Tiss

Dekoratívna drvena svjetiljka / *Decorative wooden lamp*

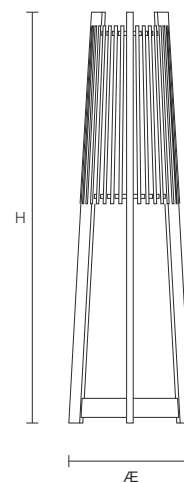
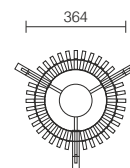


**Kućište:** od prirodnog masivnog drva jasena  
**Standardna:** prirodno drvo polirano biljnim lakom  
**Napajanje:** 230V/50Hz  
**Izvor svjetla:** E27 ECO žarulje  
**Spajanje:** na priključni kabel

**Housing:** from natural solid ashen wood  
**Standard color:** natural wood polished with vegetable lacquer oil  
**Power:** 230V/50Hz  
**Diffuser:** from protective transparent polycarbonate  
**Light source:** E27 ECO bulbs  
**Connecting:** to connecting cable



| Art.           | W       | K     | V    | Æx H     |
|----------------|---------|-------|------|----------|
| <b>E27 ECO</b> |         |       |      |          |
| 4378027        | 1 x E27 | 3K/4K | 230V | 445x1500 |







# TULP

Table and wall mounted lamp

Svjetiljka sa visokokvalitetnom aluminijskom bazom i odsijačem osvježava svaku dnevni boravak, spavaću sobu ili radni stol. Prekidač na bazi svjetiljke za lagano i bro korištenje, fleksibilni držač omogućuje lagano usmjeravanje za savršeno osvjetljenje. Jednostavna i lagana, idealna za stambene i smještajne objekte.

*The lamp is integrated with high-quality metal lampshade and base, enduring, durable and aesthetic, brightens your living room, bedroom or study room. The switch is located on the base of the lamp for quick and easy use. The flexible swing arm makes it easy to find the perfect lighting angle. Simple and lightweight. Perfect for residential and hospitality application.*

NAMJENA / USAGE





# Tulp

Stolna i zidna svjetiljka / *Table and wall mounted lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



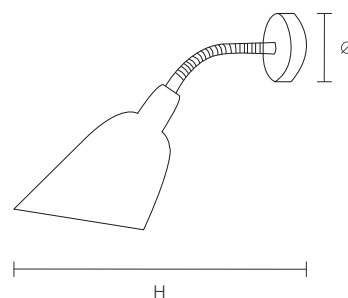
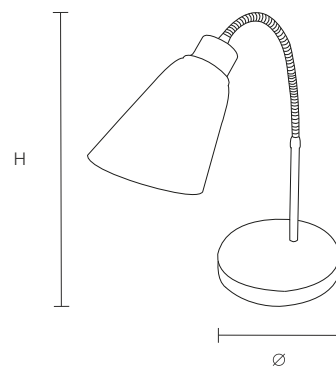
CRNA/BLACK (B)

**Kućište:** aluminij obojan termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Boja napojnog kabela:** crna, bijela  
**Napajanje:** 230V/50Hz  
**Montaža:** samostojeća stolna svjetiljka / pomoću vijaka na zid  
**Prema zahtjevu:** napojni kabel u raznim bojama

**Housing:** aluminium, covered with thermal epoxy color  
**Standard color:** white, black, grey  
**Power cord color:** black, white  
**Power:** 230V/50Hz  
**Mounting:** freestanding table lamp / with screws to the wall  
**On request:** power cord in different colors



| Artikl<br>Code              | W     | V    | ÆxH     | kg  |
|-----------------------------|-------|------|---------|-----|
| <b>Stolna / Table</b>       |       |      |         |     |
| 4548014                     | 1xE14 | 230V | 170x420 | 0,7 |
| <b>Zidna / Wall mounted</b> |       |      |         |     |
| 4534014                     | 1xE14 | 230V | 87x270  | 0,4 |









# Punta

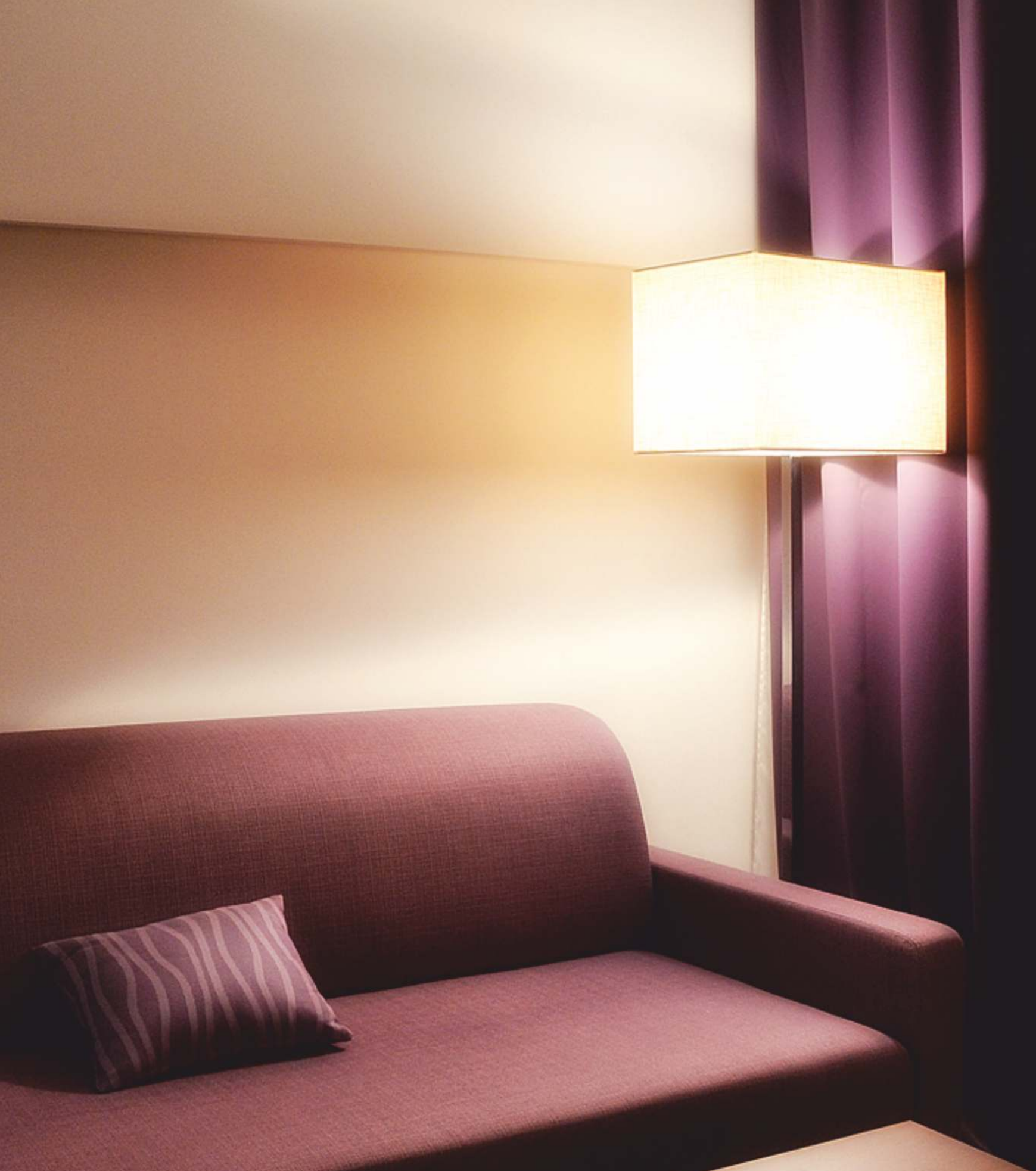
Dekoratívna svietiljka Punta zídne, stolne í podne varijante.  
Detaili svietiljaka pomno su isplanirani, od kromiranog nosača visoko  
sjajne kvalitete do sjenila od kaširanog platna koje nježno omekšava í  
raspršuje svjetlost ostavljajući ugodan í topao ambijent.  
Idealne su za hotelske í stambene interijere te svojom nenametljivošću  
savršeno nadopunjavaju prostore.

*Decorative lamp Punta comes in table, floor and wall mounted version.  
Every detail is cleverly planned, from chromed stand of high gloss quality  
to laminated shadow which gently softens light leaving behind warm and  
pleasant ambience.  
Ideal for tourism and living interiors and with their unassuming presence  
they fit perfectly in every space.*

NAMJENA / USAGE









# Punta wall

Zidna svjetiljka / Wall mounted lamp



**Kućište:** kromirani nosač iz sjajnog mesinga

**Standardna boja:** sjajni kromirani nosač, smeđe UV sjenilo

**Napajanje:** 230V/50Hz

**Izvor svjetla:** E27 ECO

**Sjenilo:** kaširano platno

**Montaža:** pričvršćenje na zid

**Housing:** chromed carrier made from polished brass

**Standard color:** high gloss chrome carrier, brown UV shadow

**Power:** 230V/50Hz

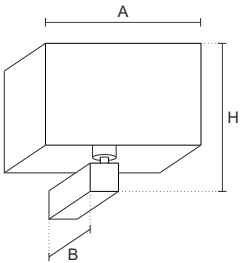
**Light source:** E27 ECO

**Shade:** laminated canvas

**Mounting:** wall mounting



| Art.           | W       | V    | A x B x H   | kg  |
|----------------|---------|------|-------------|-----|
| <b>E27 ECO</b> |         |      |             |     |
| 4294060        | 1 x E27 | 230V | 275x215x240 | 2,5 |



# Punta table

Stolna svjetiljka / *Table lamp*



**Kućište:** kromirani stalak iz sjajnog mesinga

**Standardna boja:** sjajni kromirani nosač, smeđe UV sjenilo

**Napajanje:** 230V/50Hz

**Izvor svjetla:** E27 ECO

**Sjenilo:** kaširano platno

**Housing:** chromed stand made from polished brass

**Standard color:** high gloss chrome stand, brown UV shadow

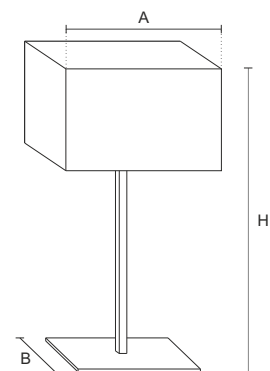
**Power:** 230V/50Hz

**Light source:** E27 ECO

**Shadow:** laminated canvas



| Art.           | W       | V    | A x B x H   |
|----------------|---------|------|-------------|
| <b>E27 ECO</b> |         |      |             |
| 4308060        | 1 x E27 | 230V | 335x260x570 |



# Punta floor

Podna svjetiljka / Floor lamp

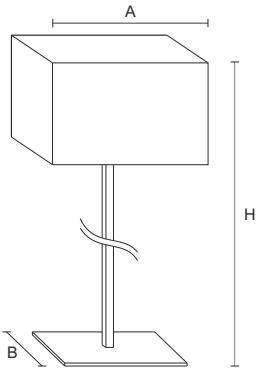


**Kućište:** kromirani stalak iz sjajnog mesinga  
**Standardna boja:** sjajni kromirani nosač, smeđe UV sjenilo  
**Napajanje:** 230V/50Hz  
**Izvor svjetla:** E27 ECO  
**Sjenilo:** kaširano platno

**Housing:** chromed stand made from polished brass  
**Standard color:** high gloss chrome stand, brown UV shadow  
**Power:** 230V/50Hz  
**Light source:** E27 ECO  
**Shadow:** laminated canvas



| Art.           | W       | V    | A x B x H    |
|----------------|---------|------|--------------|
| <b>E27 ECO</b> |         |      |              |
| 4318060        | 1 x E27 | 230V | 405x350x1395 |





# Nightlux

Svjetiljka iz aluminija minimalističkog dizajna, elegantnih i modernih linija. Pogodne za montažu u stambenim, poslovnim, hotelskim prostorima, idealne za naglašavanje arhitektonskih značajki unutrašnjih prostora te svojom uskom distribucijom svjetlosnog snopa usmjeruju pažnju na najznačajnije karakteristike te daju puninu i voluminoznost. Aluminijsko tijelo svjetiljke omogućuje visoku trajnost i kvalitetu proizvoda a izbor finostrukturnih boja omogućuje uklapanje u svaki interijer.

*Minimalistic aluminium luminaire with elegant and modern design. Suitable for use in housing, offices and tourism, ideal for accentuating architectural features of interior spaces and to focus attention with its narrow beam light emission, thus giving richness and voluminosity. Aluminium body of the luminaire offers high durability and quality of the product and the finely-structured color selection enables integration into any interior space.*

NAMJENA / USAGE



# Nightlux

Zidna LED svjetiljka / Wall mounted LED lamp



BIJELA/WHITE (W)



KROM/CHROME (K)

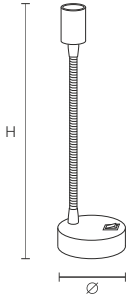
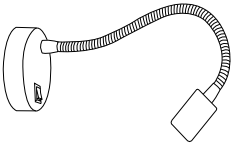


CRNA/BLACK (B)

| Artikl<br>Code                 | W   | V    | lm  | ∅xH    |
|--------------------------------|-----|------|-----|--------|
| Nadgradna zidna / Wall mounted |     |      |     |        |
| 4524711                        | 2 W | 230V | 260 | 87x370 |
| Ugradna zidna / Recessed Wall  |     |      |     |        |
| 4526711                        | 2 W | 230V | 260 | 87x370 |

**Kućište:** aluminij obojan termoeпокsidnom bojom  
**Standardna boja:** bijela, krom, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Montaža:** pomoću vijaka na zid

**Housing:** epoxy painted aluminium  
**Standard color:** white, black, grey  
**Power:** 230V/50Hz  
**Supply units:** built in the housing  
**Mounting:** with screws to the wall









# Flame

Flame reflektor je nastao iz želje da se osmisli jedno rasvjetno tijelo sa velikim stupnjem prilagođavanja.

Da li na traci, zidu ili stropu, Flame linija rasvjetnih tijela savršeno se stapa u prostor te naglašava željene zone u prostoru, a izborom šireg ili užeg svjetlosnog snopa ali i mogućnošću usmjeravanja samog tijela, površina i pozicija osvijetljene zone može se kontrolirati.

Kućište reflektora je iz aluminija obojenog termoeпокsidnom bojom a izvor svjetlosti je zaštićen zaštitnim polikarbonatom otpornim na temperaturu i udarce.

*Flame reflector was created from a need to design one luminaire with great degree of customization.*

*On track, wall or ceiling, Flame line of luminaires blends seamlessly in space and accentuates the desired zones and with the possibility of choosing wide or narrow light beam as well as orienting the body, the illuminated surface and it's position can be controlled.*

*The housing of the reflector is made from aluminium coated with thermal epoxy colour and the light source is protected with polycarbonate resistant to temperature and strikes.*

NAMJENA / USAGE





PROJECT: Kozlović Winery  
PHOTOGRAPHER: Eltor

# Flame 75

Nadgradni LED reflektor / Surface mounted LED reflector



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla: Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80, LED min 60.000h L80F50 na Tp=65°C, EEI A++; Kut rotiranja po okomitoj osi 0°-180°, po horizontalnoj osi 0°-355°

**Odsijač:** iz sjajnog metaliziranog aluminija zaštićen zaštitnim polikarbonatom otpornim na temperaturu i udarce.

**Montaža:** adapter za montažu na šinu u kompletu

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, CRI>97 (vidi upute za naručivanje)

**Housing:** extruded aluminium colored thermal epoxy colored

**Standard color:** white, grey, black

**Power:** 230V/50Hz

**Supply units:** built in the housing

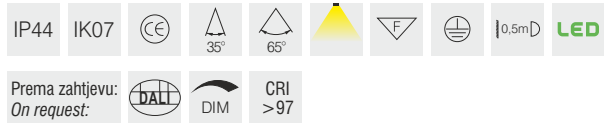
**Light source:** new generation LED, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++; Rotating angle on vertical axis 0°-180°, horizontal axis rotating 0°-355°

**Reflector:** of bright metallized aluminium protected with protective polycarbonate resistant to temperature and strikes

**Mounting:** adapter for rail mounting in set

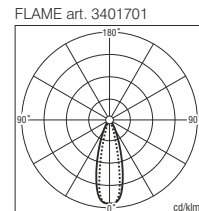
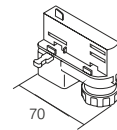
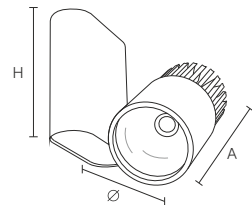
**On request:** regulation unit DALI, DIM, CRI>97 (see ordering instructions)



| Art.       | △   | W     | K     | V    | lm        | Æ x A x H  | kg  |
|------------|-----|-------|-------|------|-----------|------------|-----|
| <b>LED</b> |     |       |       |      |           |            |     |
| 3401701    | 35° | 17,6W | 3K/4K | 230V | 2778/2848 | 75x100x123 | 2,4 |
| 3401702    | 35° | 25,6W | 3K/4K | 230V | 3747/3843 | 75x100x123 | 2,4 |
| 3401703    | 65° | 17,6W | 3K/4K | 230V | 2778/2848 | 75x100x123 | 2,4 |
| 3401704    | 65° | 25,6W | 3K/4K | 230V | 3747/3843 | 75x100x123 | 2,4 |



Baza za stropnu montažu  
Base for mounting on ceiling  
**art. 435**





OLEI

HISTRIAE



PROJECT: Museum Olei Histriae  
PHOTOGRAPHER: Eltor







# Flame 130

Nadgradni LED reflektor / Surface mounted LED reflector



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80, LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ , EEL A++; Kut rotiranja po okomitoj osi  $0^{\circ}$ - $180^{\circ}$ , po horizontalnoj osi  $0^{\circ}$ - $355^{\circ}$

**Odsijač:** iz sjajnog metaliziranog aluminija zaštićen zaštitnim polikarbonatom otpornim na temperaturu i udarce.

**Montaža:** adapter za montažu na šinu u kompletu

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, CRI>97 (vidi upute za naručivanje)

**Housing:** extruded aluminium colored thermal epoxy colored

**Standard color:** white, grey, black

**Power:** 230V/50Hz

**Supply units:** built in the housing

**Light source:** new generation LED, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEL A++; Rotating angle on vertical axis  $0^{\circ}$ - $180^{\circ}$ , horizontal axis rotating  $0^{\circ}$ - $355^{\circ}$

**Reflector:** of bright metallized aluminium protected with protective polycarbonate resistant to temperature and strikes

**Mounting:** adapter for rail mounting in set

**On request:** regulation unit DALI, DIM, CRI>97 (see ordering instructions)



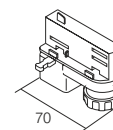
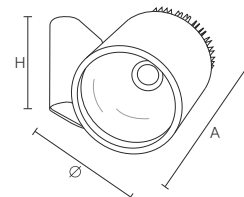
Prema zahtjevu:  
On request:



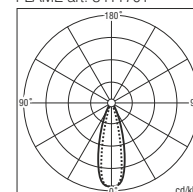
| Art.       | △   | W     | K     | V    | lm        | Æx A x H    | kg  |
|------------|-----|-------|-------|------|-----------|-------------|-----|
| <b>LED</b> |     |       |       |      |           |             |     |
| 3411701    | 35° | 24,8W | 3K/4K | 230V | 4295/4406 | 130x120x144 | 3,4 |
| 3411702    | 35° | 35,4W | 3K/4K | 230V | 5911/6063 | 130x120x144 | 3,4 |
| 3411703    | 35° | 46,4W | 3K/4K | 230V | 7474/7666 | 130x120x144 | 3,4 |
| 3411704    | 35° | 54,8W | 3K/4K | 230V | 8614/8836 | 130x120x144 | 3,4 |
| 3411705    | 65° | 24,8W | 3K/4K | 230V | 4295/4406 | 130x120x144 | 3,4 |
| 3411706    | 65° | 35,4W | 3K/4K | 230V | 5911/6063 | 130x120x144 | 3,4 |
| 3411707    | 65° | 46,4W | 3K/4K | 230V | 7474/7666 | 130x120x144 | 3,4 |
| 3411708    | 65° | 54,8W | 3K/4K | 230V | 8614/8836 | 130x120x144 | 3,4 |



Baza za stropnu montažu  
Base for mounting on ceiling  
**art. 435**



FLAME art. 3411701





# Eltrack

Elektrificirana euro-šina sa tri odvojena strujna kruga, 5 bakrenih vodiča 3mm . Aluminijski profil je moguće rezati na mjeru prema potrebi korisnika. Šina ima predviđene otvore za fiksiranje na strop ili vješanje na visilice. U narudžbi potrebno je navesti boju proizvoda, u protivnom isporučuje se standardna siva boja.

*Euro-electrified rails with three separate circuits, 5 copper wires 3mm. Aluminum profile can be cut to measure according to customer needs. Rails have provided openings for fixing on the ceiling or hanging on suspension wires. The customer when ordering must specify the color of the product, otherwise the supplied standard is gray color.*

NAMJENA / USAGE



# Eltrack

Elektrificirana euro-šina / *Euro electrified rail*



BIJELA/WHITE (W)



SIVA/GRAY. (G)



CRNA/BLACK (B)

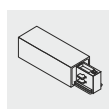
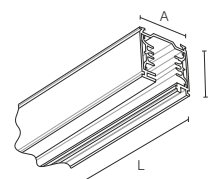
Elektrificirana euro-šina sa tri odvojena strujna kruga,  
5 bakrenih vodiča 3mm .  
Aluminijski profil je moguće rezati na mjeru prema potrebi korisnika. Šina  
ima predviđene otvore za fiksiranje na strop ili vješanje.  
Standardne boje bijela, siva i crna.

*Euro-electrified rails with three separate circuits,  
5 copper wires 3mm.*

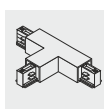
*Aluminum profile can be cut to measure according to customer needs.  
Rails have provided openings for fixing on the ceiling or suspension.  
In standard colors white, grey and black.*

IP40 16A

| Art.    |           | L  | V   | AxBxL      |
|---------|-----------|----|-----|------------|
| 3121001 | ELTRACK 3 | 1m | 16A | 36x33x1000 |
| 3121002 | ELTRACK 3 | 2m | 16A | 36x33x2000 |
| 3121003 | ELTRACK 3 | 3m | 16A | 36x33x3000 |



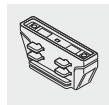
Napojna glava  
*Live end*  
**art. 3121005**



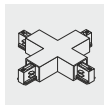
"T" spoj  
*"T" coupler*  
**art. 3121009**



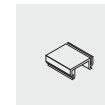
Adapter za svjetiljku  
*Luminaire adapter*  
**art. 3121013**



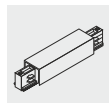
Linijski spoj  
*Straight coupler*  
**art. 3121006**



"X" spoj  
*"X" coupler*  
**art. 3121009**



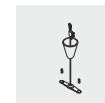
Nosač za stropnu montažu  
*Clip for ceiling mounting*  
**art. 3121014**



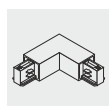
Središnja napojna glava  
*Straight coupler for central feeding*  
**art. 3121007**



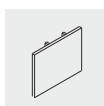
Fleksibilni spoj  
*Flexible coupler*  
**art. 3121011**



Ovjesni pribor  
*Suspension kit*  
**art. 3121015**



"L" kutni spoj  
*"L" angled coupler*  
**art. 3121008**



Završni čep  
*Ending cap*  
**art. 3121012**



Kruti ovjesni pribor  
*Stiff suspension kit*  
**art. 3121016**

# Modo

Nedostižna elegancija i sloboda kreiranja osvjetljenja koje se prilagođava svakom prostoru odlike su Modo svjetiljaka. Kućište Modo serije svjetiljaka izrađeno je od ekstrudiranog aluminijskog profila u kojem su smještene High power LED diode snage 1,2W. Inovativan dizajn slaganja u nizove pruža širok spektar mogućnosti, proširivanja, nadogradnje i kreativne slobode arhitektima, dizajnerima interijera i krajnjim korisnicima. Elegantan i jednostavan dizajn idealan je za dekorativne, stambene i salonske prostore.

*Unattainable elegance and the freedom to create lighting that adapts to every space are features of Modo lights. The body of Modo lights is made of extruded aluminium profile with anodized finishing in which High power LED diodes with 1,2W power are placed. Innovative stacked design offers a wide spectrum of solutions, both in expanding, upgrading or creative freedom to architects, designers and end users. Elegant and simple design is ideal for decorative, housing and salon purposes.*



## NAMJENA / USAGE





# Modo

Ugradna LED svjetiljka / Recessed LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.    | W       | K     | V    | lm        | A x B x H    |
|---------|---------|-------|------|-----------|--------------|
| LED     |         |       |      |           |              |
| 2382701 | 1x2,1W  | 3K/4K | 230V | 270/290   | 48,5x48,5x58 |
| 2382702 | 2x2,1W  | 3K/4K | 230V | 540/580   | 88,5x48,5x58 |
| 2382703 | 3x2,1W  | 3K/4K | 230V | 810/870   | 129x48,5x58  |
| 2382704 | 4x2,1W  | 3K/4K | 230V | 1080/1160 | 169x48,5x58  |
| 2382705 | 5x2,1W  | 3K/4K | 230V | 1350/1450 | 209x48,5x58  |
| 2382710 | 10x2,1W | 3K/4K | 230V | 2700/2900 | 410x48,5x58  |

**Kućište:** čelični lim, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Odsijač:** Polikarbonatni odasijač širine snopa svjetlosti 45° crne boje  
**Optika:** Polikarbonatna rigirana leća visokog stupnja propusnosti  
**Montaža:** pomoću opruga u otvor  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

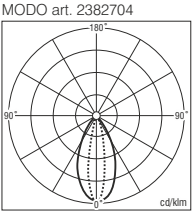
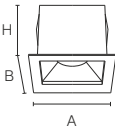
**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard color:** white, grey, black  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units (supply units included)  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Reflector:** Polycarbonate reflector with 45° distribution in black colour  
**Optics:** Polycarbonate lens with high light transmission  
**Mounting:** with springs into opening  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP40

IK07

LED

Prema zahtjevu:  
On request:



# Modo

Nadgradna LED svjetiljka / Surface mounted LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



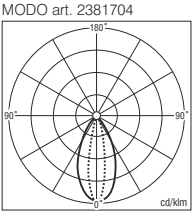
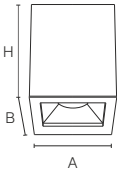
CRNA/BLACK (B)

**Kućište:** čelični lim, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Odsijač:** Polikarbonatni odasijač širine snopa svjetlosti 45° crne boje  
**Optika:** Polikarbonatna rigirana leća visokog stupnja propusnosti  
**Montaža:** pomoću vijaka na strop  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard color:** white, grey, black  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units (supply units included)  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Reflector:** Polycarbonate reflector with 45° distribution in black colour  
**Optics:** Polycarbonate lens with high light transmission  
**Mounting:** with screws to the ceiling  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire



| Art.    | W       | K     | V    | lm        | A x B x H    |
|---------|---------|-------|------|-----------|--------------|
| LED     |         |       |      |           |              |
| 2381701 | 1x2,1W  | 3K/4K | 230V | 270/290   | 48,5x48,5x80 |
| 2381702 | 2x2,1W  | 3K/4K | 230V | 540/580   | 88,5x48,5x80 |
| 2381703 | 3x2,1W  | 3K/4K | 230V | 810/870   | 129x48,5x80  |
| 2381704 | 4x2,1W  | 3K/4K | 230V | 1080/1160 | 269x48,5x80  |
| 2381705 | 5x2,1W  | 3K/4K | 230V | 1350/1450 | 309x48,5x80  |
| 2381710 | 10x2,1W | 3K/4K | 230V | 2700/2900 | 510x48,5x80  |





PROJECT: Residence Vaal  
PHOTOGRAPHER: Eltor



# Star sky

NAMJENA / USAGE



# Star sky

Ugradna LED svjetiljka / Recessed LED lamp



BIJELA/WHITE (W)



KROM/CHROME (K)

| Art.       | W         | K     | V     | lm  | Ø x H | α  | kg   |
|------------|-----------|-------|-------|-----|-------|----|------|
| <b>LED</b> |           |       |       |     |       |    |      |
| 4172701    | 1,0 W     | 3K/4K | 350mA | 140 | 32x70 | 22 | 0,15 |
| 4172703    | 2,0 W     | 3K/4K | 500mA | 280 | 32x70 | 22 | 0,15 |
| 4172705    | RGB 3,8 W | 3K/4K | 350mA | 324 | 32x70 | 22 | 0,18 |

**Kućište:** kromirani mesing

**Standardna boja:** bijela, krom

**Napajanje:** 350mA, 700mA

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Montaža:** u gipsane spuštene stropove ili ugradnja u kutiju za montažu u betonskom stropu

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** chromed brass

**Standard color:** white, chrome

**Power:** 350mA, 700mA

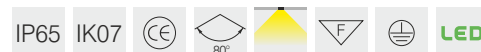
**Supply unit:** separate supply units (ordered separately)

**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** in plaster ceiling or by inserting it in mounting box for concrete mounting

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

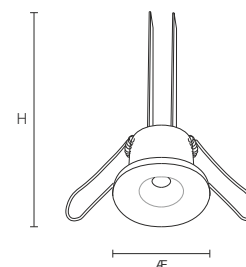
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



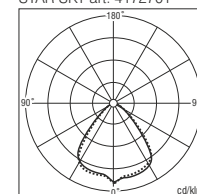
Prema zahtjevu:  
On request:



Kutija za ugradnju u betonski strop  
Box for installation into concrete ceiling  
h 80mm, ø 105mm  
**art.116**



STAR SKY art. 4172701







# Halo

NAMJENA / USAGE



# Halo

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



KROM/CHROME (K)



ZLATNA/GOLD (Z)



CRNA/BLACK (B)

**Kućište:** čelični lim obojan termoeпокsidnom bojom

**Standardna boja:** bijela, crna, krom, zlato

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C; EEI A+

**Montaža:** u gipsane spuštene stropove ili ugradnja u kutiju za montažu u betonskom stropu

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with thermal epoxy color

**Standard color:** white, black, chrome, gold

**Power:** 230V/50Hz

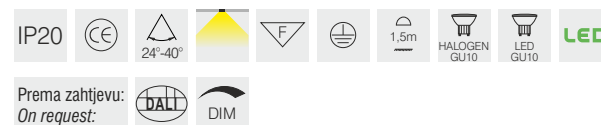
**Supply unit:** separate supply units (supply units included)

**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Mounting:** in plaster ceiling or by inserting it in mounting box for concrete mounting

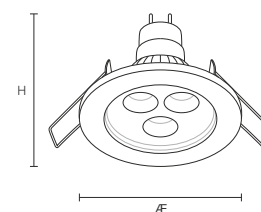
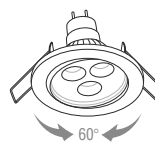
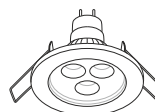
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)

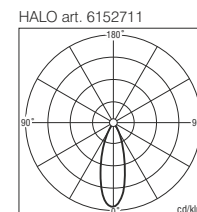


| Art.               | W        | K     | V    | lm        | ÆxH   | α  | kg   |
|--------------------|----------|-------|------|-----------|-------|----|------|
| <b>HALO 1 GU10</b> |          |       |      |           |       |    |      |
| 3452049            | 1 x GU10 | 3K/4K | 230V |           | 80x68 | 70 | 0,40 |
| <b>HALO 1 LED</b>  |          |       |      |           |       |    |      |
| 3452711            | 8,8W     | 3K/4K | 230V | 840/890   | 80x68 | 70 | 0,45 |
| 3452712            | 12,2W    | 3K/4K | 230V | 1170/1270 | 80x68 | 70 | 0,45 |

|                    |          |       |      |           |       |    |      |
|--------------------|----------|-------|------|-----------|-------|----|------|
| <b>HALO 2 GU10</b> |          |       |      |           |       |    |      |
| 3472049            | 1 x GU10 | 3K/4K | 230V |           | 84x68 | 74 | 0,50 |
| <b>HALO 2 LED</b>  |          |       |      |           |       |    |      |
| 3472711            | 8,8W     | 3K/4K | 230V | 840/890   | 84x68 | 74 | 0,55 |
| 3472712            | 12,2W    | 3K/4K | 230V | 1170/1270 | 84x68 | 74 | 0,55 |



Kutija za ugradnju u betonski strop  
Box for installation into concrete ceiling  
h 70mm, ø 200mm  
**art. 119**





# Coin

Ugradne upuštene Coin svjetiljke svojom uvučenim izvorom svjetlosti smanjuju razinu blještavila te prostorima daju minimalistički izgled. Punoća i kvaliteta strukture materijala omogućava kvalitetnu rasvjetljenost i ugodnost ambijenta.

*Recessed retracted Coin luminaires with it's retracted light source are lowering glare level and giving minimalistic look to spaces. Fullness and structure quality of it's material allow quality luminance and ambience comfort.*

NAMJENA / USAGE







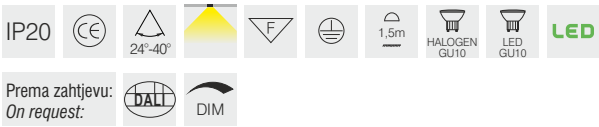
# Coin

Ugradna svjetiljka / Recessed lamp



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pričvršćenje u gips pomoću opruga  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

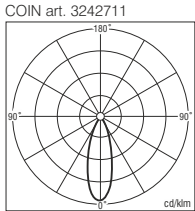
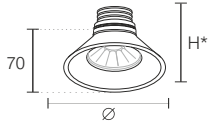
**Housing:** steel sheet metal covered with white thermal epoxy color  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units (supply units included)  
**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+  
**Mounting:** in plaster ceiling with springs  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.        | W        | K     | V    | lm        | ÆxH     | ∅  | kg   |
|-------------|----------|-------|------|-----------|---------|----|------|
| <b>GU10</b> |          |       |      |           |         |    |      |
| 3242050     | 1 x GU10 | 3K/4K | 230V |           | 95x130* | 90 | 0,40 |
| <b>LED</b>  |          |       |      |           |         |    |      |
| 3242711     | 8,8W     | 3K/4K | 230V | 840/890   | 95x130* | 90 | 0,40 |
| 3242713     | 12,2W    | 3K/4K | 230V | 1170/1270 | 95x130* | 90 | 0,40 |

\* visina može varirati  
\* height may vary

IP44  
Transparentni polikarbonatni difuzor  
Transparent polycarbonate diffuser  
art. 648





# Coin maxi

Ugradna svjetiljka / Recessed lamp



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** AR111 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću opruga

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color

**Power:** 230V/50Hz

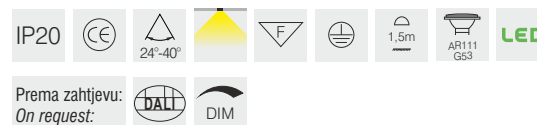
**Supply unit:** separate supply units (supply units included)

**Light source:** AR111 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

**Mounting:** in plaster ceiling with springs

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

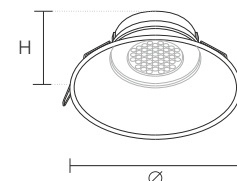
**On request:** regulation unit DALI, DIM (see ordering instructions)



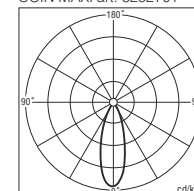
| Art.         | W        | K     | V    | lm        | ØxH     | kg      |
|--------------|----------|-------|------|-----------|---------|---------|
| <b>AR111</b> |          |       |      |           |         |         |
| 3252100      | max 100W | 3K/4K | 12V  |           | 208x130 | 195 1,5 |
| <b>LED</b>   |          |       |      |           |         |         |
| 3252718      | 17,3W    | 3K/4K | 230V | 1430/1560 | 208x130 | 195 1,5 |
| 3252723      | 21,6W    | 3K/4K | 230V | 2300/2500 | 208x130 | 195 1,5 |
| 3252734      | 32,1W    | 3K/4K | 230V | 3300/3600 | 208x130 | 195 1,5 |
| 3252701      | 15,5W    | 3K/4K | 230V | 1250/1350 | 208x130 | 195 1,5 |
| 3252702      | 22,5W    | 3K/4K | 230V | 1850/1950 | 208x130 | 195 1,5 |

\* visina može varirati

\* height may vary



COIN MAXI art. 3252701



# Flash

Vrhunske ugradne svjetiljke visoke kvalitete i elegantnih linija. Osmišljene kao svjetiljke za slaganje u niz i isticanje arhitektonskih značajki prostora. Zbog svog izgleda idealne su za razne studijske prostore ali i trgovine i stambene prostore. Veliki izbor izvedba i boja ali jednostavne montaže pruža Flash liniji svjetiljki veliku prednost nad konvencionalnim rasvjetnim tijelima.

*Superior recessed downlight luminaire of high quality and elegant lines. Designed as a luminaire for stacking in series and accentuating architectural elements of space.*

*Due to its design they are ideal for various studio spaces and shopping interiors.*

*Great selection of types and colours as well as easy mounting gives Flash line of luminaires great advantage over more conventional luminaires.*



## NAMJENA / USAGE



# Flash mini

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GRAY. (G)



CRNA/BLACK (B)

| Art.         | W         | K     | V    | Im        | A x A x H  | kg           |
|--------------|-----------|-------|------|-----------|------------|--------------|
| <b>GU10</b>  |           |       |      |           |            |              |
| 3342150      | 1 x GU10  | 3K/4K | 230V |           | 96x96x80   | 80x80 0,25   |
| 3342250      | 2 x GU10  | 3K/4K | 230V |           | 176x96x80  | 160x80 0,50  |
| 3342350      | 3 x GU10  | 3K/4K | 230V |           | 260x100x66 | 240x85 0,75  |
| 3342450      | 4 x GU10  | 3K/4K | 230V |           | 180x180x66 | 160x160 1,10 |
| <b>GU5,3</b> |           |       |      |           |            |              |
| 3342149      | 1 x GU5,3 | 3K/4K | 12V  |           | 96x96x80   | 80x80 0,25   |
| 3342249      | 2 x GU5,3 | 3K/4K | 12V  |           | 176x96x80  | 160x80 0,50  |
| 3342349      | 3 x GU5,3 | 3K/4K | 12V  |           | 260x100x66 | 240x85 0,75  |
| 3342449      | 4 x GU5,3 | 3K/4K | 12V  |           | 180x180x66 | 160x160 1,10 |
| <b>LED</b>   |           |       |      |           |            |              |
| 3342710      | 1 x 8,8W  | 3K/4K | 230V | 840/890   | 96x96x80   | 80x80 0,25   |
| 3342720      | 2 x 8,8W  | 3K/4K | 230V | 1680/1780 | 176x96x80  | 160x80 0,50  |
| 3342730      | 3 x 8,8W  | 3K/4K | 230V | 2520/2670 | 260x100x66 | 240x85 0,75  |
| 3342740      | 4 x 8,8W  | 3K/4K | 230V | 3360/3560 | 180x180x66 | 160x160 1,10 |
| 3342710      | 1 x 12,2W | 3K/4K | 230V | 1170/1270 | 96x96x80   | 80x80 0,25   |
| 3342720      | 2 x 12,2W | 3K/4K | 230V | 2340/2540 | 176x96x80  | 160x80 0,50  |
| 3342730      | 3 x 12,2W | 3K/4K | 230V | 3510/3810 | 260x100x66 | 240x85 0,75  |
| 3342740      | 4 x 12,2W | 3K/4K | 230V | 4680/5080 | 180x180x66 | 160x160 1,10 |

**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** GU10, GU5,3 žarulje, LED nove generacije, self-cooling,

MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću opruga

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color

**Standard color:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units (supply units included)

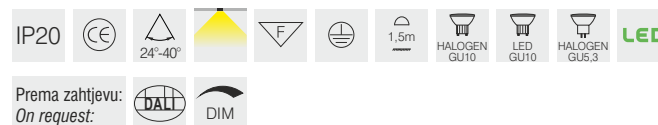
**Light source:** GU10, GU5,3 bulbs, new generation LED, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** in plaster ceiling with springs

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

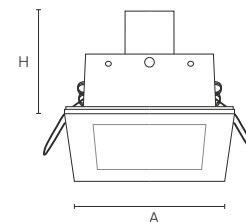
**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



Ugradna kutija za  
montažu u beton  
Integrated box for  
installation into concrete  
**art.124** - Flash mini 1x  
**art.125** - Flash mini 2x  
**art.126** - Flash mini 3x  
**art.127** - Flash mini 4x



Izvedbe / Variations



Flash 1x



Flash 2x

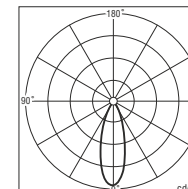


Flash 3x



Flash 4x

FLASH MINI art. 3342700



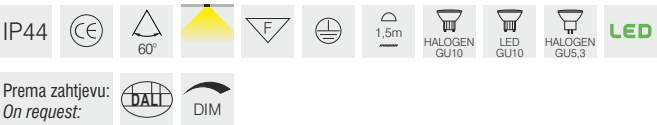
# Flash mini opal

Ugradna svjetiljka / Recessed lamp

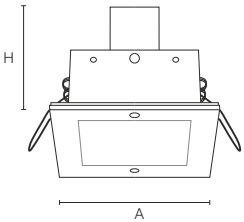


**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom  
**Difuzor:** protublješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** GU10, GU5,3 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pričvršćenje u gips pomoću opruga  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units (supply units included)  
**Light source:** GU10, GU5,3 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+  
**Mounting:** in plaster ceiling with springs  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** regulation unit DALI, DIM (see ordering instructions)



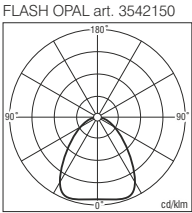
| Art.         | W         | K     | V    | lm        | A x A x H | kg   |
|--------------|-----------|-------|------|-----------|-----------|------|
| <b>GU10</b>  |           |       |      |           |           |      |
| 3542150      | 1 x GU10  | 3K/4K | 230V |           | 96x96x80  | 0,25 |
| <b>GU5,3</b> |           |       |      |           |           |      |
| 3542149      | 1 x GU5,3 | 3K/4K | 12V  |           | 96x96x80  | 0,25 |
| <b>LED</b>   |           |       |      |           |           |      |
| 3242711      | 8,8W      | 3K/4K | 230V | 840/890   | 96x96x80  | 0,25 |
| 3242713      | 12,2W     | 3K/4K | 230V | 1170/1270 | 96x96x80  | 0,25 |



Slični proizvodi  
Related products:



**QUADRIC**  
Str. 121



# Flash 1

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GRAY. (G)



CRNA/BLACK (B)

**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** AR111 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pričvršćenje u gips pomoću nosača  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color  
**Standard color:** white, grey, black  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units (supply units included)  
**Light source:** AR111 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+  
**Mounting:** in plaster ceiling with holders  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** regulation unit DALI, DIM (see ordering instructions)

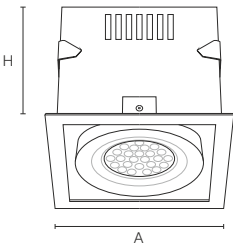
IP20

IK07

LED

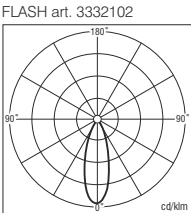
Prema zahtjevu:  
On request:

| Art.         | W            | K     | V    | lm        | A x A x H   |         | kg  |
|--------------|--------------|-------|------|-----------|-------------|---------|-----|
| <b>AR111</b> |              |       |      |           |             |         |     |
| 3332101      | 1 x max 100W | 3K/4K | 230V |           | 180x180x120 | 160x160 | 1,6 |
| <b>LED</b>   |              |       |      |           |             |         |     |
| 3332711      | 1 x 17,3W    | 3K/4K | 230V | 1430/1560 | 180x180x120 | 160x160 | 1,6 |
| 3332712      | 1 x 21,6W    | 3K/4K | 230V | 2300/2500 | 180x180x175 | 160x160 | 1,7 |
| 3332713      | 1 x 32,1W    | 3K/4K | 230V | 3470/3780 | 180x180x175 | 160x160 | 1,6 |
| 3332714      | 1 x 15,5W    | 3K/4K | 230V | 1250/1350 | 180x180x175 | 160x160 | 1,9 |
| 3332715      | 1 x 22,5W    | 3K/4K | 230V | 1850/1950 | 180x180x175 | 160x160 | 1,7 |



A

H





# Flash 2

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GRAY (G)



CRNA/BLACK (B)

**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** AR111 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću nosača

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color

**Standard color:** white, grey, black

**Power:** 230V/50Hz

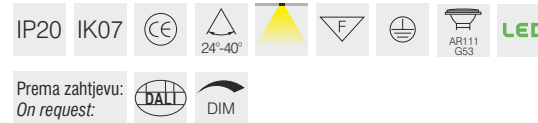
**Supply unit:** separate supply units (supply units included)

**Light source:** AR111 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

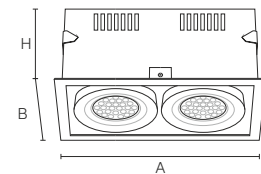
**Mounting:** in plaster ceiling with holders

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

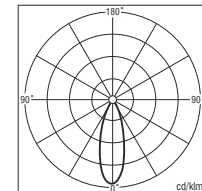
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.         | W            | K     | V    | lm        | A x B x H           | kg  |
|--------------|--------------|-------|------|-----------|---------------------|-----|
| <b>AR111</b> |              |       |      |           |                     |     |
| 3332201      | 2 x max 100W | 3K/4K | 230V |           | 310x180x120 290x160 | 2,6 |
| <b>LED</b>   |              |       |      |           |                     |     |
| 3332721      | 2 x 17,3W    | 3K/4K | 230V | 2860/3020 | 310x180x120 290x160 | 2,5 |
| 3332722      | 2 x 21,6W    | 3K/4K | 230V | 4600/5000 | 310x180x120 290x160 | 2,6 |
| 3332723      | 2 x 32,1W    | 3K/4K | 230V | 6600/7200 | 310x180x120 290x160 | 2,5 |
| 3332724      | 2 x 15,5W    | 3K/4K | 230V | 2500/2700 | 310x180x120 290x160 | 2,8 |
| 3332725      | 2 x 22,5W    | 3K/4K | 230V | 3700/3900 | 310x180x120 290x160 | 2,6 |



FLASH art. 3332102





# Flash 3

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GRAY (G)



CRNA/BLACK (B)

**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** AR111 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću nosača

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color

**Standard color:** white, grey, black

**Power:** 230V/50Hz

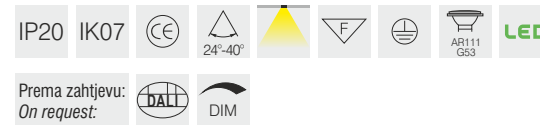
**Supply unit:** separate supply units (supply units included)

**Light source:** AR111 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

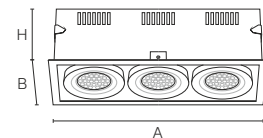
**Mounting:** in plaster ceiling with holders

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

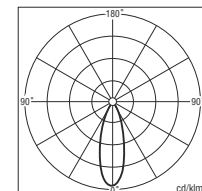
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.         | W            | K     | V    | lm         | A x B x H           | kg  |
|--------------|--------------|-------|------|------------|---------------------|-----|
| <b>AR111</b> |              |       |      |            |                     |     |
| 3332301      | 3 x max 100W | 3K/4K | 230V |            | 450x180x120 430x160 | 3,3 |
| <b>LED</b>   |              |       |      |            |                     |     |
| 3332731      | 3 x 17,3W    | 3K/4K | 230V | 4290/4680  | 450x180x120 430x160 | 3,3 |
| 3332732      | 3 x 21,6W    | 3K/4K | 230V | 6900/7500  | 450x180x120 430x160 | 3,5 |
| 3332733      | 3 x 32,1W    | 3K/4K | 230V | 9900/10800 | 450x180x120 430x160 | 3,4 |
| 3332734      | 3 x 15,5W    | 3K/4K | 230V | 3750/4050  | 450x180x120 430x160 | 3,7 |
| 3332735      | 3 x 22,5W    | 3K/4K | 230V | 5550/5850  | 450x180x120 430x160 | 3,8 |



FLASH art. 3332102



# Flash 4

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GRAY. (G)



CRNA/BLACK (B)

| Art.         | W            | K     | V    | lm          | A x B x H           | kg  |
|--------------|--------------|-------|------|-------------|---------------------|-----|
| <b>AR111</b> |              |       |      |             |                     |     |
| 3332401      | 4 x max 100W | 3K/4K | 230V |             | 310x310x120 290x290 | 4,2 |
| <b>LED</b>   |              |       |      |             |                     |     |
| 3332741      | 4 x 17,3W    | 3K/4K | 230V | 5720/6240   | 310x310x120 290x290 | 4,4 |
| 3332742      | 4 x 21,6W    | 3K/4K | 230V | 9200/10000  | 310x310x120 290x290 | 4,3 |
| 3332743      | 4 x 32,1W    | 3K/4K | 230V | 13200/14400 | 310x310x120 290x290 | 4,5 |
| 3332744      | 4 x 15,5W    | 3K/4K | 230V | 5000/5400   | 310x310x120 290x290 | 4,8 |
| 3332745      | 4 x 22,5W    | 3K/4K | 230V | 7400/7800   | 310x310x120 290x290 | 4,5 |

**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** AR111 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću nosača

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet metal covered with white thermal epoxy color

**Standard color:** white, grey, black

**Power:** 230V/50Hz

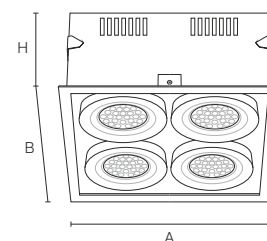
**Supply unit:** separate supply units (supply units included)

**Light source:** AR111 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

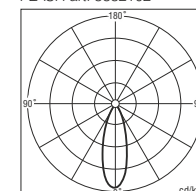
**Mounting:** in plaster ceiling with holders

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



FLASH art. 3332102







# Quadric

Vrhunske ugradne svjetiljke visoke kvalitete i čvrstoće.

Protublješteći opalni polikarbonatni difuzor homogenog efekta oplemenjuje svjetiljku svojim visokim stupnjem uniformiranosti svjetlosnog toka tehnologije "crystal ice".

Idealne kako za unutarnju tako i za vanjsku upotrebu a otporne su na sve vremenske uvjete

*Superior recessed downlight luminaire of high quality.*

*Opal polycarbonate diffuser with soft effect enriches the lamp with it's uniform luminous flux made possible by "crystal ice" technology. Quadric luminaires are ideal for interior and exterior use and are resistant to all weather conditions*

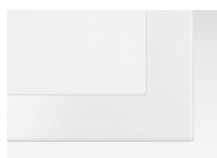
NAMJENA / USAGE



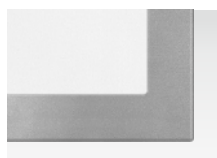


# Quadric

Ugradna LED svjetiljka / Recessed LED lamp



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

| Art.       | W    | K     | V    | A x B x H |  | kg  |
|------------|------|-------|------|-----------|-------------------------------------------------------------------------------------|-----|
| <b>LED</b> |      |       |      |           |                                                                                     |     |
| 3212700    | 1,2W | 3K/4K | 230V | 80x80x75  | 73x73                                                                               | 0,4 |
| 3212701    | 2,0W | 3K/4K | 230V | 80x80x75  | 73x73                                                                               | 0,4 |

**Kućište:** čelični lim obojen termoeпокsidnom bojom, okvir iz inoxa AISI 316L

**Standardna boja:** Inox AISI 316L, bijela i crna za vanjske uvjete, samoodržavajuća (antistatična)

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** držačima u otvor ili ugradnu kutiju

**Spajanje:** skidanjem svjetiljke dostupne su priključne stezaljke i ostale električne komponente

**Housing:** steel sheet-metal covered with thermal epoxy colour, frame from inox AISI 316L

**Standard color:** inox AISI 316L, external white & black, self cleaning (anti-static)

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+

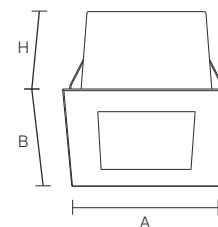
**Mounting:** with holders into opening

**Connecting:** through removing the luminaire, connection clamps and all other electronic components are available



**IP65** Zalijevanje - IP65  
Sealing - IP65  
art. 146

 Ugradna kutija za montažu u beton  
Integrated box for installation into concrete  
72x72x85mm  
art.120

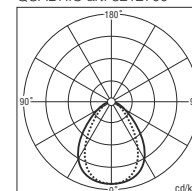


Slični proizvodi  
Related products:



**FLASH MINI OPAL**  
Str. 114

QUADRIC art. 3212700





# Edge

Vrhunske ugradne downlight svjetiljke visoke kvalitete.

Opalni polikarbonatni difuzor homogenog efekta oplemenjuje svjetiljku svojim visokim stupnjem uniformiranosti svjetlosnog toka tehnologije "crystal ice".

Edge svjetiljke dolaze u pravokutnoj i kružnoj izvedbi.

Idealne za osvjetljenje različitih prostora i objekata raznih namjena.

*Superior recessed downlight luminaire of high quality.*

*Opal polycarbonate diffuser with soft effect enriches the lamp with it's uniform luminous flux made possible by "crystal ice" technology.*

*Edge luminaire comes in square and circular variation.*

*Ideal for illuminating various spaces and buildings of different purposes.*

## NAMJENA / USAGE



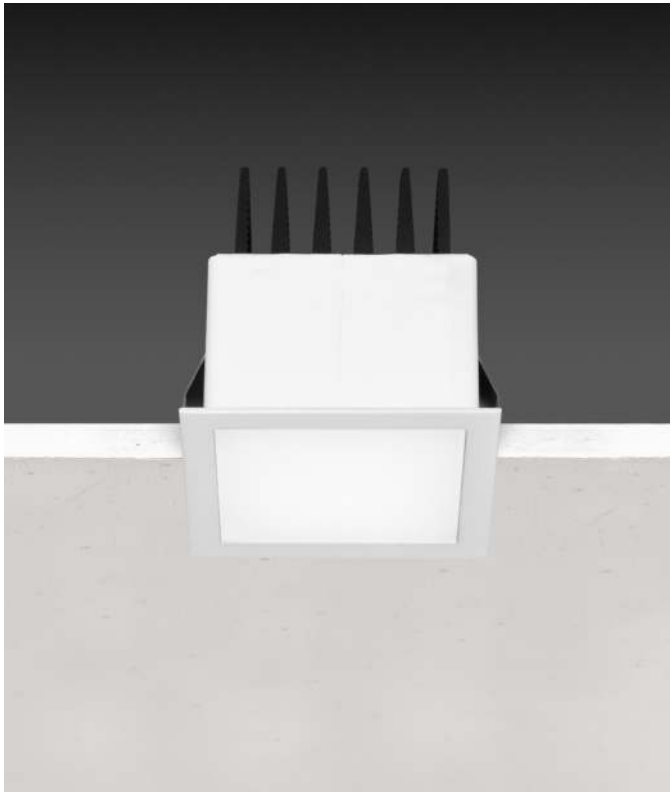




PROJECT: Restaurant Klarisa  
PHOTOGRAPHER: Eitor

# Edge square

Ugradna LED svjetiljka / Recessed LED lamp



**Kućište:** čelični lim obojen termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubliješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** separate supply units (supply units included)

**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

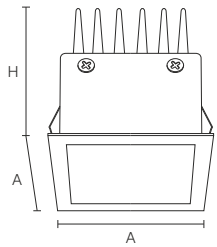
**Mounting:** with springs into opening

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

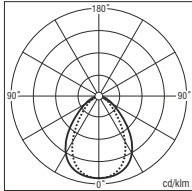
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.    | W     | K     | V    | lm        | A x A x H  |  | kg  |
|---------|-------|-------|------|-----------|------------|-------------------------------------------------------------------------------------|-----|
| LED     |       |       |      |           |            |                                                                                     |     |
| 3502715 | 8,5W  | 3K/4K | 230V | 1380/1416 | 70x70x75   | 61x61                                                                               | 0,3 |
| 3502725 | 12,2W | 3K/4K | 230V | 1885/1935 | 97x97x80   | 88x88                                                                               | 0,5 |
| 3502735 | 15,5W | 3K/4K | 230V | 1940/2070 | 133x133x90 | 124x124                                                                             | 0,8 |
| 3502745 | 20,9W | 3K/4K | 230V | 2600/2780 | 162x162x90 | 153x153                                                                             | 0,9 |



EDGE SQUARE art. 3502745





# Edge round

Ugradna **LED** svjetiljka / Recessed **LED** lamp



**Kućište:** čelični lim obojen termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** separate supply units (supply units included)

**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with springs into opening

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

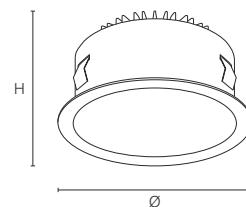
**On request:** regulation unit DALI, DIM (see ordering instructions)



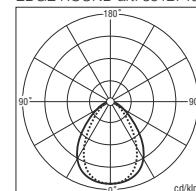
Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm        | Ø x H   | °   | kg  |
|------------|-------|-------|------|-----------|---------|-----|-----|
| <b>LED</b> |       |       |      |           |         |     |     |
| 3512715    | 8,5W  | 3K/4K | 230V | 1380/1416 | 80x65   | 70  | 0,5 |
| 3512725    | 12,2W | 3K/4K | 230V | 1885/1935 | 100x90  | 90  | 0,5 |
| 3512735    | 15,5W | 3K/4K | 230V | 1940/2070 | 140x105 | 130 | 0,8 |
| 3512745    | 20,9W | 3K/4K | 230V | 2600/2780 | 170x105 | 160 | 1,1 |



EDGE ROUND art. 3512745







# Edra

Ugradna svjetiljka kružnog oblika iz lijevanog aluminija obojanog termoeпокsidnom bojom, sa parabolom od 99,9% metaliziranog aluminija.

Seriya svjetiljaka Edra dolazi u tri boje te sa izborom dekorativnih kaljenih zaštitnih stakala različitih završnih obrada čime omogućavaju visoku razinu personalizacije ovog rasvjetnog tijela te uklapanje u stilski raznovrsne interijere.

Recessed circular luminaire made from pressed aluminium coated with thermal epoxy color, with parabolic made form 99% metallized aluminium.

Edra line of luminaires are available in three colors and a range of decorative tempered glass finishes which allows a high degree of personalisation and expression in designing interior illumination.

NAMJENA / USAGE

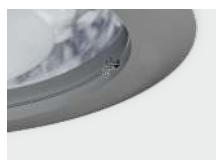


# Edra

Ugradna svjetiljka / Recessed lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.             | W     | K     | V    | ÆxH     | °   | kg  |
|------------------|-------|-------|------|---------|-----|-----|
| <b>Dulux D/E</b> |       |       |      |         |     |     |
| 3802113          | 1x13W | 3K/4K | 230V | 250x120 | 235 | 1,8 |
| 3802213          | 2x13W | 3K/4K | 230V | 250x120 | 235 | 1,9 |
| 3802118          | 1x18W | 3K/4K | 230V | 250x120 | 235 | 1,8 |
| 3802218          | 2x18W | 3K/4K | 230V | 250x120 | 235 | 1,9 |
| 3802126          | 1x26W | 3K/4K | 230V | 250x120 | 235 | 1,8 |
| 3802226          | 2x26W | 3K/4K | 230V | 250x120 | 235 | 1,9 |
| <b>Dulux T/E</b> |       |       |      |         |     |     |
| 3802132          | 1x32W | 3K/4K | 230V | 250x120 | 235 | 1,8 |
| 3802232          | 2x32W | 3K/4K | 230V | 250x120 | 235 | 1,9 |
| 3802142          | 1x42W | 3K/4K | 230V | 250x120 | 235 | 1,8 |
| 3802242          | 2x42W | 3K/4K | 230V | 250x120 | 235 | 1,9 |

**Kućište:** dekorativni prsten izrađen iz prešanog aluminija obojenog termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** Dulux D/E i T/E žarulje

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** decorative ring made from pressed aluminium covered with thermal epoxy color

**Standard color:** white, gray, black

**Power:** 230V/50Hz

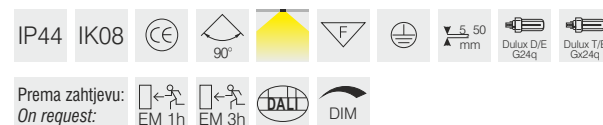
**Supply unit:** separate supply units ( supply units included)

**Light source:** Dulux D/E and T/E bulbs

**Mounting:** with springs into opening

**Connecting:** connection clamps and all other electronic components are available on the rear side of the luminaire

**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)

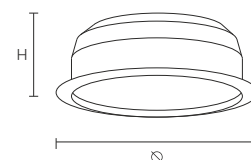


Prozirno kaljeno staklo  
Protective transparent glass  
**art. 608**

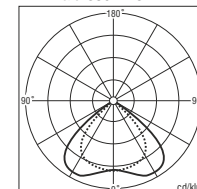
Opalno kaljeno staklo  
Protective opal glass  
**art. 609**

Prozirno dekorativno staklo  
Protective transparent glass  
**art. 610**

Ugradna kutija za montažu u beton  
Box for installation into concrete  
h 170mm, ø 255mm  
**art. 100**



EDRA art. 3802113



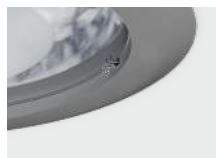


# Edra

Ugradna **LED** svjetiljka / Recessed **LED** lamp



BIJELA/WHITE (**W**)



SIVA/GREY (**G**)



CRNA/BLACK (**B**)

| Art.       | W     | K     | V    | lm        | ABxH    | Ø   | kg  |
|------------|-------|-------|------|-----------|---------|-----|-----|
| <b>LED</b> |       |       |      |           |         |     |     |
| 3802717    | 17,6W | 3K/4K | 230V | 2778/2848 | 250x120 | 235 | 1,8 |
| 3802726    | 25,6W | 3K/4K | 230V | 3747/3843 | 250x120 | 235 | 1,9 |
| 3802732    | 33,9W | 3K/4K | 230V | 4652/4770 | 250x120 | 235 | 1,8 |

**Kućište:** dekorativni prsten izrađen iz prešanog aluminija obojenog termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** decorative ring made from pressed aluminium covered with thermal epoxy color

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units (supply units included)

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** with springs into opening

**Connecting:** connection clamps and all other electronic components are available on the rear side of the luminaire

**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



Prozirno kaljeno staklo  
Protective transparent glass

**art. 608**



Opalno kaljeno staklo  
Protective opal glass

**art. 609**

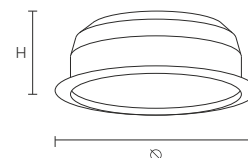


Prozirno dekorativno staklo  
Protective transparent glass

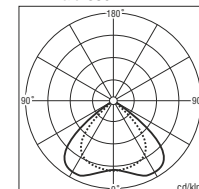
**art. 610**



Ugradna kutija za montažu u beton  
Box for installation into concrete  
h 170mm, ø 255mm  
**art. 100**



EDRA art. 3802717





# Eden

Nadgradna svjetiljka kružnog oblika iz lijevanog aluminija obojanog termoeпокsidnom bojom, sa parabolom od 99,9% metaliziranog aluminija.

Seriya svjetiljaka Eden dolazi u tri boje te sa izborom dekorativnih kaljenih zaštitnih stakala različitih završnih obrada čime omogućavaju visoku razinu personalizacije ovog rasvjetnog tijela te uklapanje u stilski raznovrsne interijere.

*Surface mounted circular luminaire made from pressed aluminium coated with thermal epoxy color, with parabolic made from 99% metallized aluminium.*

*Eden line of luminaires are available in three colors and a range of decorative tempered glass finishes which allows a high degree of personalisation and expression in designing interior illumination.*

## NAMJENA / USAGE



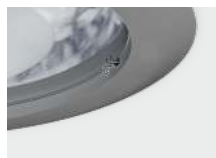


# Eden

Nadgradna/viseća svjetiljka / *Surface mounted/suspended lamp*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** dekorativni prsten izrađen iz prešanog aluminija obojenog termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** Dulux D/E i T/E žarulje

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** decorative ring made from pressed aluminium covered with thermal epoxy color

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units ( supply units included)

**Light source:** Dulux D/E and T/E bulbs

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available on the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)

IP44

IK08



Prema zahtjevu:  
On request:



| Art.             | W     | K     | V    | ÆxH     | kg  |
|------------------|-------|-------|------|---------|-----|
| <b>Dulux D/E</b> |       |       |      |         |     |
| 3161113          | 1x13W | 3K/4K | 230V | 250x180 | 3,0 |
| 3161213          | 2x13W | 3K/4K | 230V | 250x180 | 3,0 |
| 3161118          | 1x18W | 3K/4K | 230V | 250x180 | 3,0 |
| 3161218          | 2x18W | 3K/4K | 230V | 250x180 | 3,4 |
| 3161126          | 1x26W | 3K/4K | 230V | 250x180 | 3,4 |
| 3161226          | 2x26W | 3K/4K | 230V | 250x180 | 3,9 |
| <b>Dulux T/E</b> |       |       |      |         |     |
| 3161132          | 1x32W | 3K/4K | 230V | 250x180 | 3,1 |
| 3161232          | 2x32W | 3K/4K | 230V | 250x180 | 3,4 |
| 3161142          | 1x42W | 3K/4K | 230V | 250x180 | 3,1 |
| 3161242          | 2x42W | 3K/4K | 230V | 250x180 | 3,4 |



Prozirno kaljeno staklo  
Protective transparent  
glass  
**art. 608**



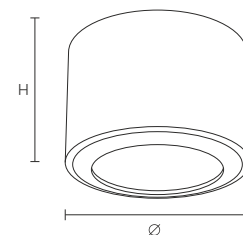
Opalno kaljeno staklo  
Protective opal  
glass  
**art. 609**



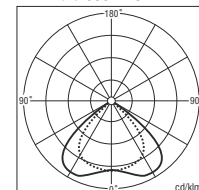
Prozirno dekorativno staklo  
Protective transparent  
glass  
**art. 610**



Ovjesni pribor: Ukrasna rozeta  
s prozirnim dekorativnim kabelom  
3 x sajla za vješanje L=1500mm  
Hanging set: Decorative box with  
decorative transparent cable  
Hanging wire L=1500mm  
**art. 204**



EDEN art. 3802218

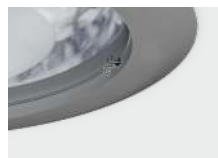


# Eden

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED lamp



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | ØxH     | kg  |
|------------|-------|-------|------|-----------|---------|-----|
| <b>LED</b> |       |       |      |           |         |     |
| 3161717    | 17,6W | 3K/4K | 230V | 2778/2848 | 250x180 | 3,2 |
| 3161726    | 25,6W | 3K/4K | 230V | 3747/3843 | 250x180 | 3,4 |

**Kućište:** dekorativni prsten izrađen iz prešanog aluminija obojenog termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene naponske jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** decorative ring made from pressed aluminium covered with thermal epoxy color

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units ( supply units included)

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available on the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

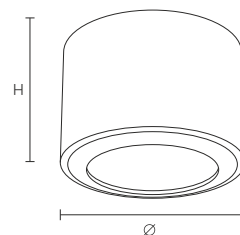


Prozirno kaljeno staklo  
Protective transparent glass  
**art. 608**

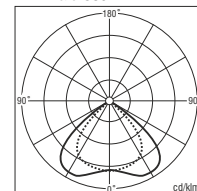
Opalno kaljeno staklo  
Protective opal glass  
**art. 609**

Prozirno dekorativno staklo  
Protective transparent glass  
**art. 610**

Ovjesni pribor: Ukrasna rozeta s prozirnim dekorativnim kabelom 3 x sajla za vješanje L=1500mm  
Hanging set: Decorative box with decorative transparent cable 3 x hanger L=1500mm  
**art. 204**



EDEN art. 3802717







# Ecos

Ugradne spotlight svjetiljke Ecos sa kućištem iz ljevanog aluminija obojenog termoeпокsidnom bojom idealne su za ugradnju u različite stambene prostore a odlikuje ih visoka IP zaštita koja omogućava rad lampe i u najtežim uvjetima.

Difuzor od protubljajećeg opalnog polikarbonata homogenog efekta omekšava i jednakomjerno raspršuje svjetlost a montaža same svjetiljke je jednostavna zahvaljujući montažnim oprugama.

*Recessed spotlight luminaires Ecos with housing made from die cast aluminium body, covered with thermal epoxy color are ideal for usage in various living areas and are characterized by high IP protection rating which allows the luminaire to function in even the harshest enviroments. Anti-glare opal diffuser with homogenous effect "Crystal Ice" softens and evenly spreads the light and the mounting of the luminaire with springs has never been easier*

## NAMJENA / USAGE



# ECOS

Ugradna svjetiljka / Recessed lamp



**Kućište:** lijevani aluminij obojen termoeпокsidnom bijelom bojom  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Difuzor:** opalno kaljeno staklo homogenog efekta  
**Izvor svjetla:** GU10 žarulje  
**Montaža:** u gipsane spuštene stropove ili ugradnja u kutiju za montažu u betonskom stropu  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Housing:** die cast alumium body, covered with thermal epoxy white color  
**Power:** 230V/50Hz  
**Supply unit:** built into housing  
**Diffuser:** opal tempered glass with homogenous effect  
**Light source:** GU10 bulbs  
**Mounting:** in lowered plaster ceiling or inserting in mounting box for concrete ceiling  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

IP65

IK08

CE

90°









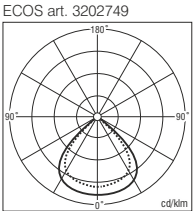
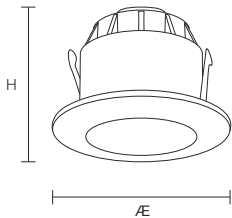
HALOGEN  
GU10

LED  
GU10

| Art.        | W        | K     | V    | Æ x H  |  | kg   |
|-------------|----------|-------|------|--------|-------------------------------------------------------------------------------------|------|
| <b>GU10</b> |          |       |      |        |                                                                                     |      |
| 3202749     | 1 x GU10 | 3K/4K | 230V | 100x78 | 92                                                                                  | 0,42 |



Kutija za ugradnju u betonski strop  
Box for installation into concrete ceiling  
h 70mm, ø 200mm  
**art. 119**





# Windy

Elegantne ugradne svjetiljke nenametljivog dizajna Windy idealno su riješenje za moderne stambene prostore, urede i ostale interijere. Osmišljene i dizajnirane kao nadopuna prostoru te svojim oblikom dopuštaju naglašavanje osobina prostora bez narušavanja stilističkog izričaja istog.

Difuzor od protubljestećeg opalnog polikarbonata homogenog efekta omekšava i jednakomjerno raspršuje svjetlost a montaža same svjetiljke je jednostavna zahvaljujući montažnim oprugama.

*Elegant recessed luminaires Windy with it's unobtrusive design are ideal solution for modern living spaces, offices and other interiors.*

*Designed and developed as an addition to the interior, with it's shape they accentuate the space without competing with the stylistic expression of one.*

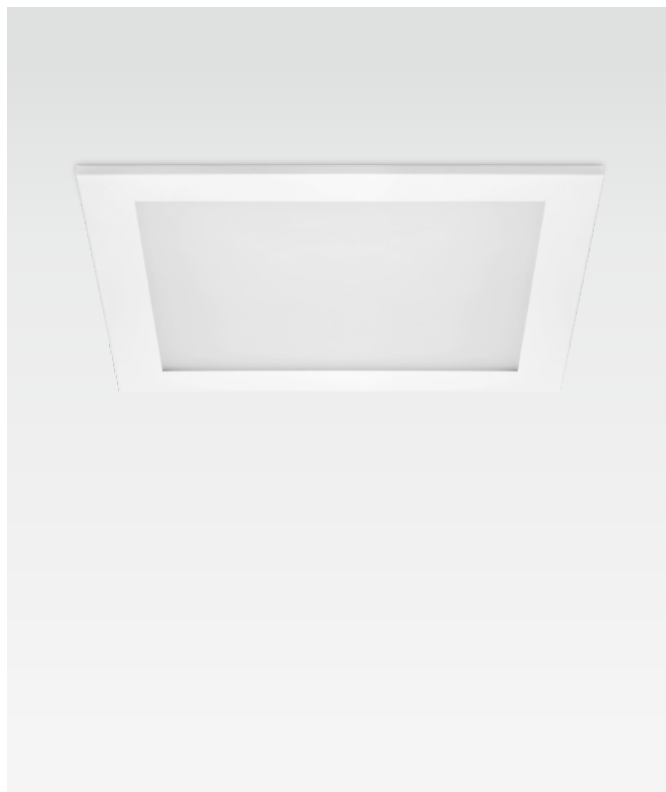
*Anti-glare opal diffuser with homogenous effect "Crystal Ice" softens and evenly spreads the light and the mounting of the luminaire with springs has never been easier*

## NAMJENA / USAGE



# Windy

Ugradna svjetiljka / Recessed lamp



**Kućište:** prešani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux D/E i T/E žarulje

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću nosača u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** pressed aluminium covered with thermal epoxy color

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

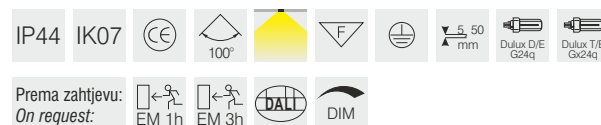
**Light source:** Dulux D/E and T/E bulbs

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

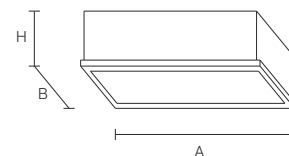
**Mounting:** with holders into opening

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

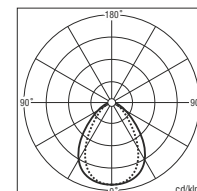
**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)



| Art.             | W     | K     | V    | AxBxH      |         | kg  |
|------------------|-------|-------|------|------------|---------|-----|
| <b>Dulux D/E</b> |       |       |      |            |         |     |
| 3132118          | 1x18W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3132126          | 1x26W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3132218          | 2x18W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3132226          | 2x26W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3142218          | 2x18W | 3K/4K | 230V | 300x300x90 | 290x290 | 3,3 |
| 3142226          | 2x26W | 3K/4K | 230V | 300x300x90 | 290x290 | 3,3 |
| <b>Dulux T/E</b> |       |       |      |            |         |     |
| 3132132          | 1x32W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3132232          | 2x32W | 3K/4K | 230V | 230x230x90 | 210x210 | 2,3 |
| 3142232          | 2x32W | 3K/4K | 230V | 300x300x90 | 290x290 | 3,3 |



WINDY art. 3132218



# Windy

Ugradna LED svjetiljka / Recessed LED lamp

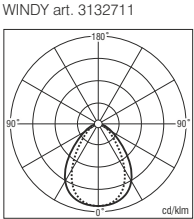
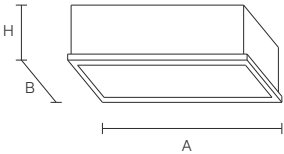


**Kućište:** prešani aluminij obojan termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Montaža:** pomoću nosača u otvor  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** pressed aluminium covered with thermal epoxy color  
**Standard color:** white, gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Mounting:** with holders into opening  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)



| Art.    | W     | K     | V    | lm        | AxBxH      |         | kg  |
|---------|-------|-------|------|-----------|------------|---------|-----|
| LED     |       |       |      |           |            |         |     |
| 3132711 | 12,6W | 3K/4K | 230V | 1980/2190 | 230x230x90 | 210x210 | 2,3 |
| 3132712 | 18,7W | 3K/4K | 230V | 2750/3040 | 230x230x90 | 210x210 | 2,3 |
| 3132713 | 24,3W | 3K/4K | 230V | 3060/3260 | 230x230x90 | 210x210 | 2,3 |
| 3142721 | 10,7W | 3K/4K | 230V | 1700/1810 | 300x300x90 | 290x290 | 2,4 |
| 3142722 | 15,7W | 3K/4K | 230V | 2380/2540 | 300x300x90 | 290x290 | 2,5 |









# Smooth

SMOOTH inovativna serija svjetiljka bez vidljivog ruba izrađena od 100% prirodnog gipsanog kalcijevog **alabastera**, nastalog mješanjem mineralnih spojeva. Dizajniran za montažu u gipsane stropove s kojima se stapa i samim time postaje dio cjelovite površine stropova.

Arhitektonski se uklapa u sve moderne interijere a odlikuju ga sljedeće karakteristike: dekorativan, dekorira se sa bilo kojom tipologijom boje na bazi vode ili sintetike, pogodan za visoke i niske temperature, podnosi niske temperature, negoriv, bez dilatacije, analergičan, netoksičan i ekološki inovativan.

*SMOOTH an innovative line of trimless luminaires made from 100% natural gypsum calcite **alabaster**, created by mixing mineral elements.*

*Designed to be mounted in plaster and thus become unified with the ceiling structure.*

*As an architectural material fits into all modern interiors, and it is characterized by the following characteristics: decorative, decorated with any type of water-based paints or sintetic withstands high and low temperature, submitted to the low temperature, non-combustible, without dilatation, hypoallergenic, non-toxic and environmentally friendly.*

NAMJENA / USAGE





# Smooth round

Ugradna Alabaster svjetiljka bez vidljivog ruba / *Recessed Alabaster trimless luminaire*



**Kućište:** gipsani kalcijev alabaster  
**Standardna boja:** svjetiljku je potrebno obojati zajedno sa stropom  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pričvršćenje u gips pomoću vijaka (pribor za montažu u kompletu), te gletanjem sa strukturom stropa  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)  
  
**Housing:** gypsum calcite alabaster  
**Standard color:** the luminaire needs to be painted together with the ceiling  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units ( supply units included)  
**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** mounting in plaster ceiling using screws (installation tool in the set) and smoothing the plaster  
**On request:** regulation unit DALI, DIM ( see ordering instructions )

IP20

CE

24°- 40°

F

12.5 mm

0.5m D

LED GU10

HALOGEN GU10

LED

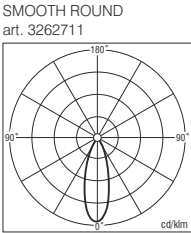
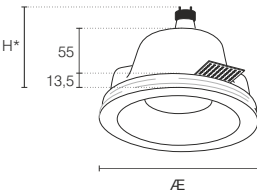
Prema zahtjevu:  
On request:

DALI

DIM

| Art.        | W        | K     | V    | lm        | ÆxH      | ⌀   | kg  |
|-------------|----------|-------|------|-----------|----------|-----|-----|
| <b>GU10</b> |          |       |      |           |          |     |     |
| 3262050     | 1 x GU10 | 3K/4K | 230V |           | 134x130* | 139 | 0,2 |
| <b>LED</b>  |          |       |      |           |          |     |     |
| 3262711     | 8,8W     | 3K/4K | 230V | 840/890   | 134x130  | 139 | 0,2 |
| 3262713     | 12,2W    | 3K/4K | 230V | 1170/1270 | 134x130  | 139 | 0,2 |

\*Visina može varirati ovisno o žarulji  
Height may vary depending by lamp type



# Smooth square

Ugradna Alabaster svjetiljka bez vidljivog ruba / *Recessed Alabaster trimless luminaire*



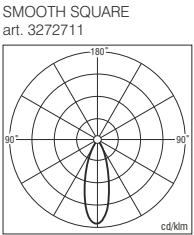
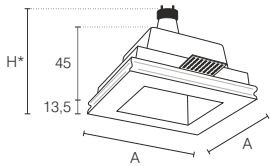
**Kućište:** gipsani kalcijev alabaster  
**Standardna boja:** svjetiljku je potrebno obojati zajedno sa stropom  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** GU10 žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+  
**Montaža:** pričvršćenje u gips pomoću vijaka (pribor za montažu u kompletu), te gletanjem sa strukturom stropa  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)  
  
**Housing:** gypsum calcite alabaster  
**Standard color:** the luminaire needs to be painted together with the ceiling  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units ( supply units included)  
**Light source:** GU10 bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** mounting in plaster ceiling using screws (installation tool in the set) and smoothing the plaster  
**On request:** regulation unit DALI, DIM ( see ordering instructions )

IP20

Prema zahtjevu:  
On request:

| Art.        | W        | K     | V    | lm        | AxAxH        |         | kg  |
|-------------|----------|-------|------|-----------|--------------|---------|-----|
| <b>GU10</b> |          |       |      |           |              |         |     |
| 3272050     | 1 x GU10 | 3K/4K | 230V |           | 115x115x120* | 120x120 | 0,2 |
| <b>LED</b>  |          |       |      |           |              |         |     |
| 3272711     | 8,8W     | 3K/4K | 230V | 840/890   | 115x115x120  | 120x120 | 0,2 |
| 3272713     | 12,2W    | 3K/4K | 230V | 1170/1270 | 115x115x120  | 120x120 | 0,2 |

\*Visina može varirati ovisno o žarulji  
Height may vary depending by lamp type





PROJECT: Residence Rovinj  
PHOTOGRAPHER: Eltor





# Smooth maxi

Ugradna Alabaster svjetiljka bez vidljivog ruba / *Recessed Alabaster trimless luminaire*



**Kućište:** gipsani kalcijev alabaster

**Standardna boja:** svjetiljku je potrebno obojati zajedno sa stropom

**Reflektor:** od 99,9% metaliziranog aluminija (osim u LED izvedbi)

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** Dulux D/E i T/E žarulje, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 50.000h L80F50 na Tp=65°C. EEI A+

**Montaža:** pričvršćenje u gips pomoću vijaka (pribor za montažu u kompletu), te gletanjem sa strukturom stropa

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** gypsum calcite alabaster

**Standard color:** white

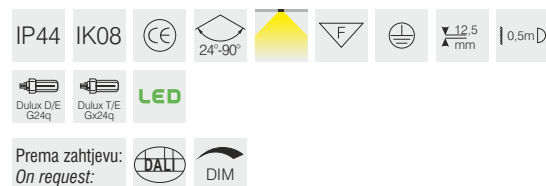
**Reflector:** in 99,9% metalized aluminium (except in LED version)

**Supply unit:** separate supply units ( supply units included)

**Light source:** Dulux D/E and T/E bulbs, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Mounting:** mounting in plaster ceiling using screws (installation tool in the set) and smoothing the plaster

**On request:** regulation unit DALI, DIM ( see ordering instructions on pg. 180)

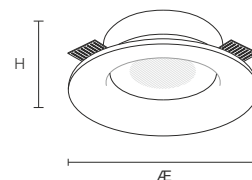


| Art.             | W       | K     | V    | lm        | ÆxH     | Ø   | kg  |
|------------------|---------|-------|------|-----------|---------|-----|-----|
| <b>DULUX D/E</b> |         |       |      |           |         |     |     |
| 3282213          | 2x13,0W | 3K/4K | 230V | 360x175   | 365     | 2,5 |     |
| 3282218          | 2x18,0W | 3K/4K | 230V | 360x175   | 365     | 2,5 |     |
| 3282226          | 2x26,0W | 3K/4K | 230V | 360x175   | 365     | 2,5 |     |
| <b>DULUX T/E</b> |         |       |      |           |         |     |     |
| 3282232          | 2x32,0W | 3K/4K | 230V | 360x175   | 365     | 2,5 |     |
| <b>LED</b>       |         |       |      |           |         |     |     |
| 3282701          | 17,3W   | 3K/4K | 230V | 1430/1560 | 360x175 | 365 | 2,3 |
| 3282702          | 21,6W   | 3K/4K | 230V | 2300/2500 | 360x175 | 365 | 2,3 |
| 3282703          | 32,1W   | 3K/4K | 230V | 3300/3600 | 360x175 | 365 | 2,3 |

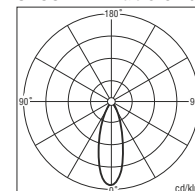
Prozirno kaljeno staklo  
Protective transparent  
glass  
**art. 608**

Opalno kaljeno staklo  
Protective opal  
glass  
**art. 609**

Prozirno dekorativno staklo  
Protective transparent  
glass  
**art. 610**



SMOOTH MAXI art. 3282701





# Arca

Arca linija proizvoda dizajnirana je kako bi se stopila sa stropom te nakon ugradnje nema vidljivog ruba, istovremeno svojim minimalističkim oblikom nenametljivo krasi prostor te obasjava visokom svjetlosnom efikasnošću. Veliki izbor dimenzija i oblika čini ovu seriju svjetiljaka idealnom za naglašavanje karakteristika prostora.

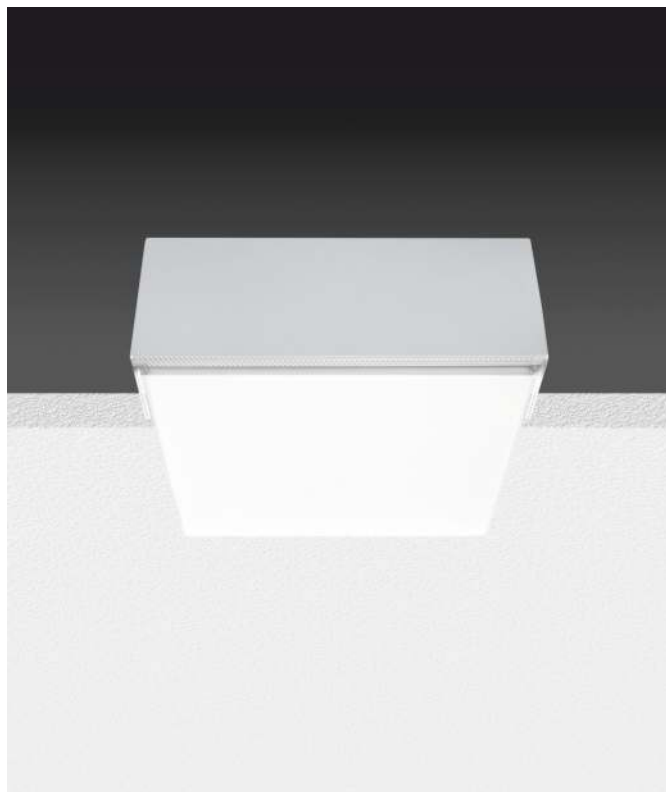
*Arca line of products is designed to merge with ceiling and after instalation there is no visible edge, at the same time this luminaire with it's minimalistic shape unobtrusively enriches space with high effciciency illumination. Various dimensions and shapes to choose from makes this luminaire ideal for accentuatingthe chosen room characteristics.*

NAMJENA / USAGE



# Arca square

Ugradna svjetiljka bez vidljivog ruba / *Recessed trimless luminaire*



**Kućiste:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje, fluorescentne T5 cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

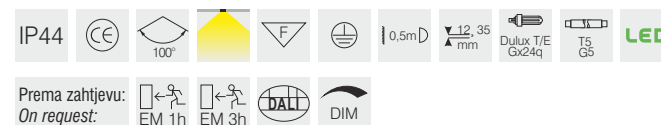
**Light source:** Dulux T/E bulbs, fluorescent T5 tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

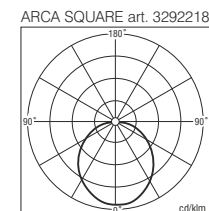
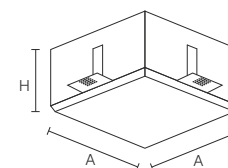
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.             | W     | K     | V    | lm        | A x A x H  |         | kg   |
|------------------|-------|-------|------|-----------|------------|---------|------|
| <b>DULUX T/E</b> |       |       |      |           |            |         |      |
| 3292218          | 2x18W | 3K/4K | 230V |           | 220x220x95 | 230x230 | 2,1  |
| 3292226          | 2x26W | 3K/4K | 230V |           | 220x220x95 | 230x230 | 2,3  |
| 3292232          | 2x32W | 3K/4K | 230V |           | 220x220x95 | 230x230 | 4,0  |
| <b>T5</b>        |       |       |      |           |            |         |      |
| 3292414          | 4x14W | 3K/4K | 230V |           | 600x600x95 | 610x610 | 10,0 |
| 3292424          | 4x24W | 3K/4K | 230V |           | 600x600x95 | 610x610 | 10,0 |
| <b>LED</b>       |       |       |      |           |            |         |      |
| 3292701          | 15,5W | 3K/4K | 230V | 1940/2070 | 160x160x95 | 170x170 | 2,0  |
| 3292702          | 20,9W | 3K/4K | 230V | 2600/2780 | 160x160x95 | 170x170 | 2,1  |
| 3292703          | 12,6W | 3K/4K | 230V | 1980/2190 | 220x220x95 | 230x230 | 2,1  |
| 3292705          | 18,7W | 3K/4K | 230V | 2750/3040 | 220x220x95 | 230x230 | 2,3  |
| 3292706          | 34,1W | 3K/4K | 230V | 4600/5020 | 400x400x95 | 410x410 | 5,3  |
| 3292707          | 48,3W | 3K/4K | 230V | 6515/7080 | 400x400x95 | 410x410 | 5,4  |
| 3292741          | 30,0W | 3K/4K | 230V | 4960/5280 | 600x600x95 | 610x610 | 10,0 |
| 3292742          | 36,4W | 3K/4K | 230V | 5840/6240 | 600x600x95 | 610x610 | 10,1 |
| 3292743          | 42,8W | 3K/4K | 230V | 6800/7240 | 600x600x95 | 610x610 | 10,2 |







PROJECT: Hotel Punta  
PHOTOGRAPHER: Eltor

# Arca square up

Ugradna svjetiljka bez vidljivog ruba s uvučenim difuzorom / *Recessed trimless lamp with retracted diffuser*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje, fluorescentne T5 cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** Dulux T/E bulbs, fluorescent T5 tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

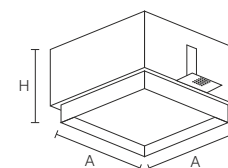
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



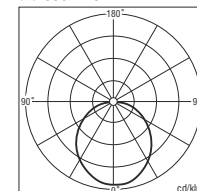
Prema zahtjevu:  
On request:



| Art.             | W     | K     | V    | lm        | A x H       |         | kg   |
|------------------|-------|-------|------|-----------|-------------|---------|------|
| <b>DULUX T/E</b> |       |       |      |           |             |         |      |
| 3302218          | 2x18W | 3K/4K | 230V |           | 220x220x135 | 230x230 | 2,7  |
| 3302226          | 2x26W | 3K/4K | 230V |           | 220x220x135 | 230x230 | 2,9  |
| 3302232          | 2x32W | 3K/4K | 230V |           | 220x220x135 | 230x230 | 4,7  |
| <b>T5</b>        |       |       |      |           |             |         |      |
| 3302414          | 4x14W | 3K/4K | 230V |           | 600x600x135 | 610x610 | 10,8 |
| 3302424          | 4x24W | 3K/4K | 230V |           | 600x600x135 | 610x610 | 10,9 |
| <b>LED</b>       |       |       |      |           |             |         |      |
| 3302701          | 15,5W | 3K/4K | 230V | 1940/2070 | 160x160x135 | 170x170 | 2,2  |
| 3302702          | 20,9W | 3K/4K | 230V | 2600/2780 | 160x160x135 | 170x170 | 2,3  |
| 3302703          | 12,6W | 3K/4K | 230V | 1980/2190 | 220x220x135 | 230x230 | 2,3  |
| 3302705          | 18,7W | 3K/4K | 230V | 2750/3040 | 220x220x135 | 230x230 | 2,5  |
| 3302706          | 34,1W | 3K/4K | 230V | 4600/5020 | 400x400x135 | 410x410 | 5,5  |
| 3302707          | 48,3W | 3K/4K | 230V | 6515/7080 | 400x400x135 | 410x410 | 5,6  |
| 3302741          | 30,0W | 3K/4K | 230V | 4960/5280 | 600x600x135 | 610x610 | 10,2 |
| 3302742          | 36,4W | 3K/4K | 230V | 5840/6240 | 600x600x135 | 610x610 | 10,3 |
| 3302743          | 42,8W | 3K/4K | 230V | 6800/7240 | 600x600x135 | 610x610 | 10,5 |



ARCA SQUARE UP  
art. 3302218



# Arca rectangle

Ugradna svjetiljka bez vidljivog ruba / Recessed trimless luminaire



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

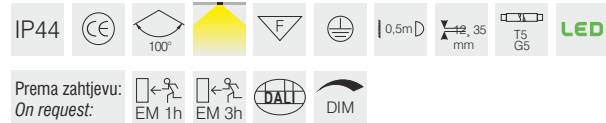
**Light source:** fluorescent T5 tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C. EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

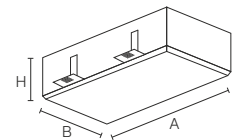
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

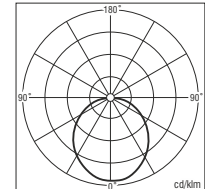
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm          | A x B x H   | kg   |
|------------|-------|-------|------|-------------|-------------|------|
| <b>T5</b>  |       |       |      |             |             |      |
| 3492214    | 2x14W | 3K/4K | 230V | 600x170x95  | 610x180     | 9,1  |
| 3492224    | 2x24W | 3K/4K | 230V | 600x170x95  | 610x180     | 9,1  |
| 3492221    | 2x21W | 3K/4K | 230V | 900x170x95  | 910x180     | 9,4  |
| 3492239    | 2x39W | 3K/4K | 230V | 900x170x95  | 910x180     | 9,4  |
| 3492228    | 2x28W | 3K/4K | 230V | 1200x170x95 | 1210x180    | 10,8 |
| 3492254    | 2x54W | 3K/4K | 230V | 1200x170x95 | 1210x180    | 11,0 |
| 3492235    | 2x35W | 3K/4K | 230V | 1500x170x95 | 1510x180    | 12,9 |
| 3492249    | 2x49W | 3K/4K | 230V | 1500x170x95 | 1510x180    | 12,7 |
| 3492280    | 2x80W | 3K/4K | 230V | 1500x170x95 | 1510x180    | 13,0 |
| <b>LED</b> |       |       |      |             |             |      |
| 3492712    | 24,0W | 3K/4K | 230V | 3840/4000   | 600x170x95  | 7,2  |
| 3492723    | 33,6W | 3K/4K | 230V | 5600/5840   | 1200x170x95 | 8,9  |
| 3492724    | 48,0W | 3K/4K | 230V | 7680/8000   | 1200x170x95 | 9,0  |
| 3492733    | 42,0W | 3K/4K | 230V | 7000/7300   | 1500x170x95 | 10,9 |
| 3492734    | 60,0W | 3K/4K | 230V | 9600/10000  | 1500x170x95 | 11,1 |



ARCA RECTANGLE  
art. 3492214





# Arca rectangle slim

Ugradna svjetiljka bez vidljivog ruba / *Recessed trimless lamp*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi, LED nove generacije, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEL A++

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes, new generation LED, self-cooling,

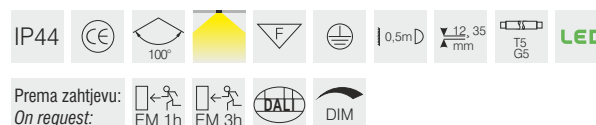
MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEL A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

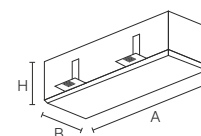
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

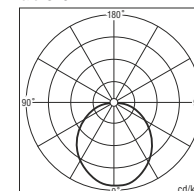
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | A x B x H   | ∠        | kg  |
|------------|-------|-------|------|-----------|-------------|----------|-----|
| <b>T5</b>  |       |       |      |           |             |          |     |
| 3492114    | 1x14W | 3K/4K | 230V |           | 600x100x95  | 610x110  | 5,1 |
| 3492124    | 1x24W | 3K/4K | 230V |           | 600x100x95  | 610x110  | 5,1 |
| 3492121    | 1x21W | 3K/4K | 230V |           | 900x100x95  | 910x110  | 5,4 |
| 3492139    | 1x39W | 3K/4K | 230V |           | 900x100x95  | 910x110  | 5,4 |
| 3492128    | 1x28W | 3K/4K | 230V |           | 1200x100x95 | 1210x110 | 7,8 |
| 3492154    | 1x54W | 3K/4K | 230V |           | 1200x100x95 | 1210x110 | 8,0 |
| 3492135    | 1x35W | 3K/4K | 230V |           | 1500x100x95 | 1510x110 | 8,9 |
| 3492149    | 1x49W | 3K/4K | 230V |           | 1500x100x95 | 1510x110 | 8,7 |
| 3492180    | 1x80W | 3K/4K | 230V |           | 1500x100x95 | 1510x110 | 9,0 |
| <b>LED</b> |       |       |      |           |             |          |     |
| 3492711    | 12,0W | 3K/4K | 230V | 1920/2000 | 600x100x95  | 610x110  | 5,1 |
| 3492721    | 16,8W | 3K/4K | 230V | 2800/2920 | 1200x100x95 | 1210x110 | 6,8 |
| 3492722    | 24,0W | 3K/4K | 230V | 3840/4000 | 1200x100x95 | 1210x110 | 6,9 |
| 3492731    | 21,0W | 3K/4K | 230V | 3500/3650 | 1500x100x95 | 1510x110 | 8,8 |
| 3492732    | 30,0W | 3K/4K | 230V | 4800/5000 | 1500x100x95 | 1510x110 | 8,6 |



ARCA RECTANGLE SLIM  
art. 3292114



# Arca round

Ugradna svjetiljka bez vidljivog ruba / *Recessed trimless luminaire*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje, fluorescentne T5 FC cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

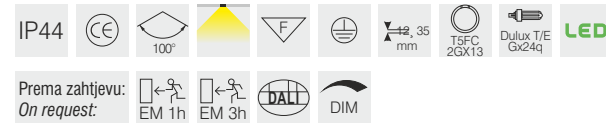
**Light source:** Dulux T/E bulbs, fluorescent T5 FC tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

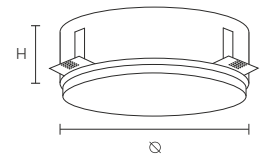
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.             | W     | K     | V    | lm        | Æx H   | Ø   | kg  |
|------------------|-------|-------|------|-----------|--------|-----|-----|
| <b>Dulux T/E</b> |       |       |      |           |        |     |     |
| 3312218          | 2x18W | 3K/4K | 230V |           | 265x95 | 273 | 2,1 |
| 3312226          | 2x26W | 3K/4K | 230V |           | 265x95 | 273 | 2,1 |
| 3312232          | 2x32W | 3K/4K | 230V |           | 265x95 | 273 | 2,1 |
| <b>T5 FC</b>     |       |       |      |           |        |     |     |
| 3312022          | 22W   | 3K/4K | 230V |           | 265x95 | 273 | 2,1 |
| 3312040          | 40W   | 3K/4K | 230V |           | 395x95 | 403 | 2,1 |
| 3312055          | 55W   | 3K/4K | 230V |           | 395x95 | 403 | 2,1 |
| <b>LED</b>       |       |       |      |           |        |     |     |
| 3312710          | 15,5W | 3K/4K | 230V | 1940/2070 | 135x70 | 165 | 0,8 |
| 3312713          | 20,9W | 3K/4K | 230V | 2600/2780 | 135x70 | 165 | 0,8 |
| 3312703          | 12,6W | 3K/4K | 230V | 1980/2190 | 265x95 | 273 | 2,0 |
| 3312704          | 18,7W | 3K/4K | 230V | 2750/3040 | 265x95 | 273 | 2,0 |
| 3312706          | 24,3W | 3K/4K | 230V | 3060/3260 | 265x95 | 273 | 2,0 |

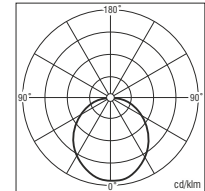


Slični proizvodi  
Related products:



**ANTIGONE**  
Str. 16

ARCA ROUND art. 3312218



# Arca round up

Ugradna svjetiljka bez vidljivog ruba / *Recessed trimless luminaire*



**Kućište:** čelični lim obojan termoeпокsidnom bijelom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** Dulux T/E žarulje, fluorescentne T5 FC cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** nosačima na gips (pribor za montažu u kompletu) te gletanjem

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal covered with thermal epoxy white colour

**Power:** 230V/50Hz

**Supply unit:** built in the housing

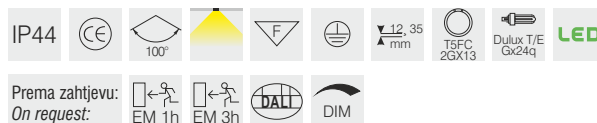
**Light source:** Dulux T/E bulbs, fluorescent T5 FC tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare opal polycarbonate with homogenous effect with "Crystal Ice" technology

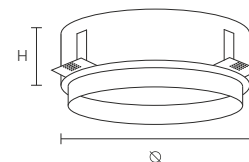
**Mounting:** with holders for plaster (in the set) and smoothing the plaster

**Connecting:** through removing the diffuser, connection clamps and all other electronic components are available

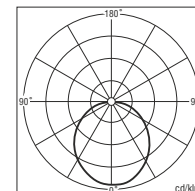
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.             | W     | K     | V    | lm        | Æ x H   | Ø   | kg  |
|------------------|-------|-------|------|-----------|---------|-----|-----|
| <b>T5 FC</b>     |       |       |      |           |         |     |     |
| 3322122          | 22W   | 3K/4K | 230V |           | 265x135 | 273 | 2,2 |
| 3322140          | 40W   | 3K/4K | 230V |           | 395x135 | 403 | 3,3 |
| 3322155          | 55W   | 3K/4K | 230V |           | 395x135 | 403 | 3,3 |
| <b>Dulux T/E</b> |       |       |      |           |         |     |     |
| 3322218          | 2x18W | 3K/4K | 230V |           | 265x135 | 273 | 2,2 |
| 3322226          | 2x26W | 3K/4K | 230V |           | 265x135 | 273 | 2,2 |
| 3322232          | 2x32W | 3K/4K | 230V |           | 265x135 | 273 | 2,2 |
| <b>LED</b>       |       |       |      |           |         |     |     |
| 3322703          | 12,6W | 3K/4K | 230V | 1980/2190 | 265x135 | 273 | 2,1 |
| 3322704          | 18,7W | 3K/4K | 230V | 2750/3040 | 265x135 | 273 | 2,1 |
| 3322705          | 24,3W | 3K/4K | 230V | 3060/3260 | 265x135 | 273 | 2,1 |



ARCA ROUND UP  
art. 3322218







# Otis

Linija dekorativnih svjetiljki *Otis*, pruža ugodno homogeno svjetlo stvarajući pozitivno ozračje u prostoru. Kružni geometrijski oblik i univerzalan dizajn čine ih pogodnim za apliciranje u različite dekorativne prostore.

*Decorative Otis luminaire line provides a comfortable homogeneous light resulting in positive atmosphere within the area applied. The round shape and universal design make them suitable for wide range of possible applications.*

NAMJENA / USAGE



Ugradna LED svjetiljka bez vidljivog ruba / Recessed trimless LED luminaire



YELLOW (Y)

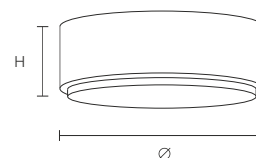
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



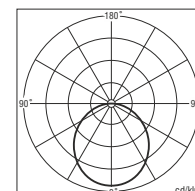
*On request:*



| Art.    | W     | K     | V    | lm        | Æ x H   | kg   |
|---------|-------|-------|------|-----------|---------|------|
| LED     |       |       |      |           |         |      |
| 4552711 | 12,6W | 3K/4K | 230V | 1980/2190 | 265x115 | 3,5  |
| 4552712 | 18,7W | 3K/4K | 230V | 2750/3040 | 265x115 | 3,5  |
| 4552721 | 17,0W | 3K/4K | 230V | 2600/2870 | 440x180 | 8,2  |
| 4552722 | 26,7W | 3K/4K | 230V | 3720/4100 | 440x180 | 8,2  |
| 4552731 | 25,0W | 3K/4K | 230V | 3427/3597 | 640x200 | 11,0 |
| 4552732 | 35,0W | 3K/4K | 230V | 4798/5036 | 640x200 | 11,0 |



OTIS art. 4552712





# Plain

Elegancija, jednostavan dizajn i sloboda kreiranja svjetlosti, odlika su i najznačajnije karakteristike svjetiljki Plain, bez obzira na ugradnu, nadgradnu ili viseću verziju.

Kućište iz ekstrudiranog, anodiziranog aluminijskog profila sa opalnim polikarbonatnim difuzorom. Elegantnog i jednostavnog dizajna PLAIN rasvjetna tijela oplemenjuju stambene, poslovne, hotelske i ostale prostore.

*Elegance, easy design and lighting creating freedom are the best significant of Plain lighting armatures, irrespective if they are integrated, recessed or suspended version.*

*The body is made of extruded aluminium profile with anodised finishing, complete with opal polycarbonate diffuser. With elegance and simple desing PLAIN luminaires enrich living spaces, offices and hotels.*

NAMJENA / USAGE



# Plain

Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** bijela, anodizirani aluminij, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 cijevi  
**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije “Cristal Ice”  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM - samo u visećoj varijanti (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard colour:** white, anodized aluminium, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** fluorescent T5 tubes  
**Diffuser:** anti-glare “Cristal Ice” opal diffuser with homogenous effect  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** regulation unit DALI, DIM - only for suspended version (see ordering instructions)

IP44

IK07

CE

90°

F

0.5mD

T5 GS

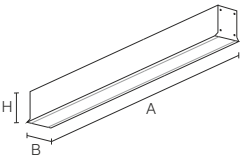
Prema zahtjevu:  
On request:

DIM

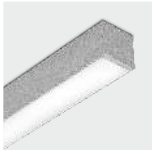
| Art.      | W     | K     | V    | AxBxH      | kg  |
|-----------|-------|-------|------|------------|-----|
| <b>T5</b> |       |       |      |            |     |
| 2401114   | 1x14W | 3K/4K | 230V | 583x43x48  | 0,7 |
| 2401124   | 1x24W | 3K/4K | 230V | 583x43x48  | 0,7 |
| 2401121   | 1x21W | 3K/4K | 230V | 883x43x48  | 0,9 |
| 2401139   | 1x39W | 3K/4K | 230V | 883x43x48  | 0,9 |
| 2401128   | 1x28W | 3K/4K | 230V | 1183x43x48 | 1,2 |
| 2401154   | 1x54W | 3K/4K | 230V | 1183x43x48 | 1,2 |
| 2401135   | 1x35W | 3K/4K | 230V | 1483x43x48 | 1,4 |
| 2401149   | 1x49W | 3K/4K | 230V | 1483x43x48 | 1,4 |

Sajla za vješanje s autoblock sistemom L=1500mm  
Hanging wire with autoblock system l=1500mm  
**art. 296**

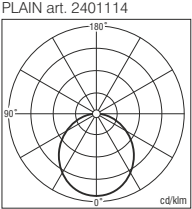
Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Slični proizvodi  
*Related products:*



LS 50  
Str. 165



# Plain

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM - samo u visećoj varijanti (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM - only for suspended version (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm        | A x B x H  | kg  |
|------------|-------|-------|------|-----------|------------|-----|
| <b>LED</b> |       |       |      |           |            |     |
| 2401706    | 6,0W  | 3K/4K | 230V | 960/1000  | 322x43x48  | 0,7 |
| 2401713    | 12,0W | 3K/4K | 230V | 1920/2000 | 602x43x48  | 0,9 |
| 2401719    | 18,0W | 3K/4K | 230V | 2880/3000 | 882x43x48  | 0,9 |
| 2401725    | 24,0W | 3K/4K | 230V | 3840/4000 | 1162x43x48 | 1,2 |
| 2401731    | 30,0W | 3K/4K | 230V | 4800/5000 | 1442x43x48 | 1,2 |
| 2401737    | 36,0W | 3K/4K | 230V | 5760/6000 | 1722x43x48 | 1,4 |



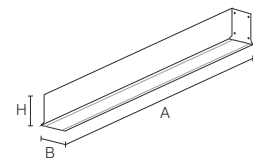
Sajla za vješanje s autoblock sistemom L=1500mm  
Hanging wire with autoblock system L=1500mm

**art. 296**

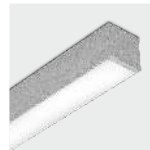


Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm

**art. 297**

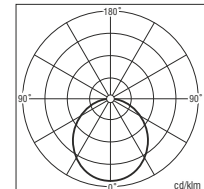


Slični proizvodi  
Related products:



**LS 50 LED**  
Str. 165

PLAIN art. 2402712





# Plain recessed

Ugradna svjetiljka / Recessed luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** oprugama u otvor gipsanog spušenog stropa ili ugradnja u kutiju za montažu u betonskom stropu

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units ( supply units included)

**Light source:** fluorescent T5 tubes

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with springs into mounting hole at suspended plaster ceiling or inserting at mounting box for mounting at concrete ceiling

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

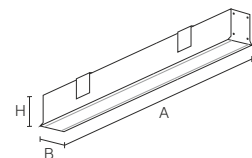
**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu: EM 1h, EM 3h, DALI, DIM

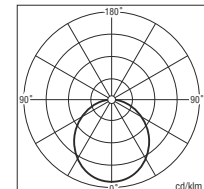


Ugradna kutija za montažu u beton  
Integrated box for installation into concrete  
**art.101** - Plain 14/24W  
**art.102** - Plain 21/39W  
**art.103** - Plain 28/54W  
**art.104** - Plain 35/49W



| Art.      | W     | K     | V    | AxBxH      |         | kg  |
|-----------|-------|-------|------|------------|---------|-----|
| <b>T5</b> |       |       |      |            |         |     |
| 2402114   | 1x14W | 3K/4K | 230V | 593x43x48  | 585x38  | 0,7 |
| 2402124   | 1x24W | 3K/4K | 230V | 593x43x48  | 585x38  | 0,7 |
| 2402121   | 1x21W | 3K/4K | 230V | 893x43x48  | 885x38  | 0,9 |
| 2402139   | 1x39W | 3K/4K | 230V | 893x43x48  | 885x38  | 0,9 |
| 2402128   | 1x28W | 3K/4K | 230V | 1193x43x48 | 1185x38 | 1,2 |
| 2402154   | 1x54W | 3K/4K | 230V | 1193x43x48 | 1185x38 | 1,2 |
| 2402135   | 1x35W | 3K/4K | 230V | 1493x43x48 | 1485x38 | 1,4 |
| 2402149   | 1x49W | 3K/4K | 230V | 1493x43x48 | 1485x38 | 1,4 |

PLAIN art. 2402114





# Plain recessed

Ugradna LED svjetiljka / Recessed LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoepoksidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** oprugama u otvor gipsanog spušenog stropa ili ugradnja u kutiju za montažu u betonskom stropu

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** separate supply units ( supply units included)

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with springs into mounting hole at suspended plaster ceiling or inserting at mounting box for mounting at concrete ceiling

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

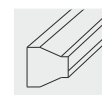
**On request:** emergency module, regulation unit DALI, DIM (see ordering instructions)



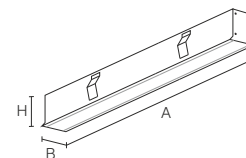
Prema zahtjevu:  
On request:



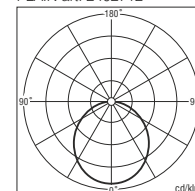
| Art.       | W     | K     | V    | lm        | A x B x H  |         | kg  |
|------------|-------|-------|------|-----------|------------|---------|-----|
| <b>LED</b> |       |       |      |           |            |         |     |
| 2402706    | 6,0W  | 3K/4K | 230V | 960/1000  | 332x43x48  | 324x38  | 0,5 |
| 2402713    | 12,0W | 3K/4K | 230V | 1920/2000 | 612x43x48  | 604x38  | 0,8 |
| 2402712    | 16,0W | 3K/4K | 230V | 2560/2670 | 612x43x48  | 604x38  | 0,8 |
| 2402719    | 18,0W | 3K/4K | 230V | 2880/3000 | 892x43x48  | 884x38  | 0,9 |
| 2402722    | 24,0W | 3K/4K | 230V | 3840/4010 | 892x43x48  | 884x38  | 0,9 |
| 2402725    | 24,0W | 3K/4K | 230V | 3840/4000 | 1172x43x48 | 1165x38 | 1,3 |
| 2402732    | 32,0W | 3K/4K | 230V | 5120/5340 | 1172x43x48 | 1165x38 | 1,3 |
| 2402731    | 30,0W | 3K/4K | 230V | 4800/5000 | 1452x43x48 | 1444x38 | 1,5 |
| 2402742    | 40,0W | 3K/4K | 230V | 6400/6680 | 1452x43x48 | 1444x38 | 1,5 |
| 2402737    | 36,0W | 3K/4K | 230V | 5760/6000 | 1732x43x48 | 1724x38 | 1,8 |



Ugradna kutija za montažu u beton  
Integrated box for installation into concrete  
**art.140** - Plain L=332mm  
**art.141** - Plain L=612mm  
**art.142** - Plain L=892mm  
**art.143** - Plain L=1172mm  
**art.144** - Plain L=1452mm  
**art.145** - Plain L=1732mm



PLAIN art. 2402712



# Plain UG AS

NAMJENA / USAGE



# Plain UG AS

Ugradna zidna LED svjetiljka / Recessed wall mounted LED luminaire



**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno str. 176)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** protubljajući opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** ugradnja u kutiju za montažu pomoću opruga

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Supply unit:** separated power supplies (to be ordered separately pg. 176)

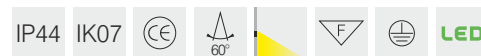
**Light source:** LED SMD technology

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with springs into mounting box

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



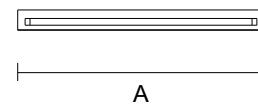
Prema zahtjevu:  
On request:



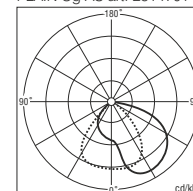
| Art.       | W   | K     | V   | lm      | A x B x H | kg  |
|------------|-----|-------|-----|---------|-----------|-----|
| <b>LED</b> |     |       |     |         |           |     |
| 2514701    | 3 W | 3K/4K | 24V | 200/220 | 200x43x48 | 0,5 |



Ugradna kutija za  
montažu u beton  
Integrated box for  
installation into concrete  
**art.148**



PLAIN Ug AS art. 2514701



# LS 50

Arhitektura i rasvjeta izražavaju kvalitetu kako našeg životnog prostora tako i naš radni okoliš.

U prostoru gdje se dešavaju neprestane promjene, visoka dinamika, statični koncepti unutrašnje opreme i rasvjete nisu usklađeni. Traže se promjene, fleksibilnost i dinamika što se odnosi i na rasvjetu, koja će poštivati različite namjene upotrebe i usklađenje sa dnevnim svjetlom. LS 50 nudi sistem rasvjete koji idealno ispunjava i najzahtjevnije prostorne karakteristike

*Architecture and lighting express the quality of both our living space and working environment.*

*In an interior where constant changes take place, high dynamics and static concepts of interior equipment and lighting are not in harmony. Changes, flexibility and dynamics are wanted and that is relate to the lighting, which should respect different uses and harmony with daylight. LS 50 offers a lighting system that perfectly meets even the most demanding interior characteristics*



## NAMJENA / USAGE



# LS 50

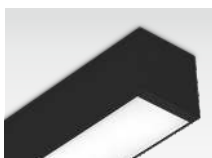
Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

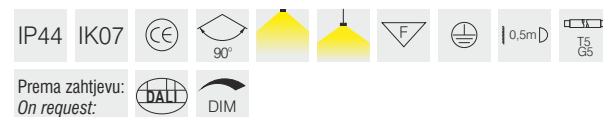
**Light source:** fluorescent T5 tubes

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



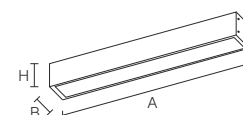
| Art.      | W     | K     | V    | AxBxH      | kg  |
|-----------|-------|-------|------|------------|-----|
| <b>T5</b> |       |       |      |            |     |
| 2141114   | 1x14W | 3K/4K | 230V | 583x50x50  | 0,7 |
| 2141124   | 1x24W | 3K/4K | 230V | 583x50x50  | 0,7 |
| 2141121   | 1x21W | 3K/4K | 230V | 883x50x50  | 0,9 |
| 2141139   | 1x39W | 3K/4K | 230V | 883x50x50  | 0,9 |
| 2141128   | 1x28W | 3K/4K | 230V | 1183x50x50 | 1,2 |
| 2141154   | 1x54W | 3K/4K | 230V | 1183x50x50 | 1,2 |
| 2141135   | 1x35W | 3K/4K | 230V | 1483x50x50 | 1,4 |
| 2141149   | 1x49W | 3K/4K | 230V | 1483x50x50 | 1,4 |



Sajla za vješanje s autoblock sistemom L=1500mm  
Hanging wire with autoblock system L=1500mm  
**art. 296**



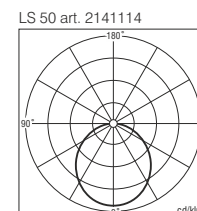
Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Slični proizvodi  
Related products:



**PLAIN**  
Str. 157





# LS 50

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm        | AxBxH      | kg  |
|------------|-------|-------|------|-----------|------------|-----|
| <b>LED</b> |       |       |      |           |            |     |
| 2141711    | 12,0W | 3K/4K | 230V | 1920/2000 | 583x50x50  | 0,8 |
| 2141712    | 16,0W | 3K/4K | 230V | 2560/2670 | 583x50x50  | 0,8 |
| 2141721    | 18,0W | 3K/4K | 230V | 2880/3000 | 883x50x50  | 0,9 |
| 2141722    | 24,0W | 3K/4K | 230V | 3840/4010 | 883x50x50  | 0,9 |
| 2141731    | 24,0W | 3K/4K | 230V | 3840/4000 | 1183x50x50 | 1,3 |
| 2141732    | 32,0W | 3K/4K | 230V | 5120/5340 | 1183x50x50 | 1,3 |
| 2141741    | 30,0W | 3K/4K | 230V | 4800/5000 | 1483x50x50 | 1,5 |
| 2141742    | 40,0W | 3K/4K | 230V | 6400/6680 | 1483x50x50 | 1,5 |



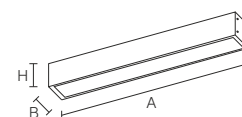
Sajla za vješanje s autoblock sistemom L=1500mm  
Hanging wire with autoblock system L=1500mm

**art. 296**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm

**art. 297**

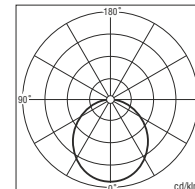


Slični proizvodi  
Related products:



**PLAIN LED**  
Str. 157

LS 50 art. 2402713







# Side

Seriya svjetiljaka Side osmišljena je kako bi se svojim dizajnom i izgledom uklapala u sve moderne i arhitektonski minimalistički dizajnirane interijere ali isto tako i u zahtjevnije i bogatije prostore. To se postiže velikom prilagodljivošću samog izgleda svjetiljke, njezine dužine, tipa ali i vrlo specifičnog i dizajnerski neutralnog "rigiranog" profila.

Svjetiljke dolaze u standardnoj fluo i LED izvedbi a montaža je izuzetno jednostavna kod nadgradne ali i viseće izvedbe.

*Side luminaire line is conceived to complement every modern and architecturally minimalist interior and at the same time designed to complement more demanding and rich interiors.*

*This is achieved with great customizability of the luminaire, its length, type and very specific and neutrally designed "rigged" profile.*

*Luminaires are available in standard fluo and LED variant and the mounting is very simple in surface mounted variant as well as in pendant variant.*

## NAMJENA / USAGE



# Side

Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi; LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** pomoću vijaka na strop / vješanje na čelične visilice

**Spajanje:** skidanjem rastera i bočnice dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes; new generation LED, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** through removing the louvre and the side cap, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:

On request:



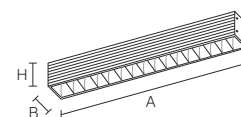
| Art.       | W     | K     | V    | lm        | AxBxH       | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>T5</b>  |       |       |      |           |             |     |
| 2291114    | 1x14W | 3K/4K | 230V |           | 574x82x110  | 2,3 |
| 2291124    | 1x24W | 3K/4K | 230V |           | 574x82x110  | 2,3 |
| 2291128    | 1x28W | 3K/4K | 230V |           | 1174x82x110 | 3,7 |
| 2291135    | 1x35W | 3K/4K | 230V |           | 1474x82x110 | 4,8 |
| 2291149    | 1x49W | 3K/4K | 230V |           | 1474x82x110 | 4,8 |
| 2291154    | 1x54W | 3K/4K | 230V |           | 1174x82x110 | 3,7 |
| 2291180    | 1x80W | 3K/4K | 230V |           | 1474x82x110 | 4,8 |
| <b>LED</b> |       |       |      |           |             |     |
| 2291711    | 12,0W | 3K/4K | 230V | 1920/2000 | 574x82x110  | 2,3 |
| 2291712    | 16,0W | 3K/4K | 230V | 2560/2670 | 574x82x110  | 2,3 |
| 2291721    | 24,0W | 3K/4K | 230V | 3840/4000 | 1174x82x110 | 3,7 |
| 2291722    | 32,0W | 3K/4K | 230V | 5120/5340 | 1174x82x110 | 3,7 |
| 2291731    | 30,0W | 3K/4K | 230V | 4800/5000 | 1474x82x110 | 4,8 |
| 2291732    | 40,0W | 3K/4K | 230V | 6400/6680 | 1474x82x110 | 4,8 |
| 2291741    | 36,0W | 3K/4K | 230V | 5760/6000 | 1700x82x110 | 5,7 |



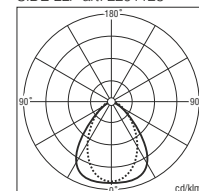
Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Sajla za vješanje  
(2 kom potrebna) L=1500mm  
Hanging wire  
(2 pcs needed) L=1500mm  
**art. 285**

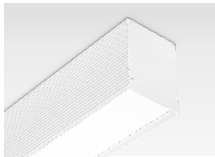
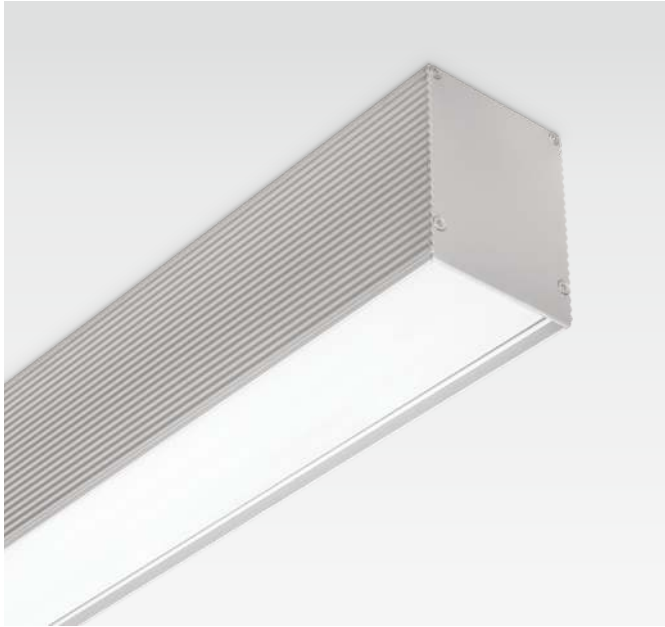


SIDE LLP art. 2291128

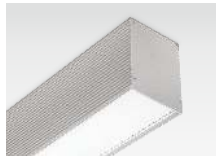


# Side opal

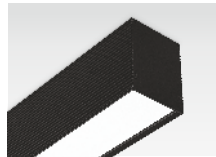
Nadgradna/viseća svjetiljka / Surface mounted/suspended luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, anodizirani aluminij, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi; LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** pomoću vijaka na strop / vješanje na čelične visilice

**Spajanje:** skidanjem difuzora i bočnice dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes; new generation LED, self-cooling,

MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** through removing the diffuser and the side cap, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



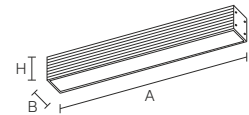
| Art.       | W     | K     | V    | lm        | AxBxH       | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>T5</b>  |       |       |      |           |             |     |
| 2301114    | 1x14W | 3K/4K | 230V |           | 574x82x110  | 2,2 |
| 2301124    | 1x24W | 3K/4K | 230V |           | 574x82x110  | 2,2 |
| 2301154    | 1x54W | 3K/4K | 230V |           | 1174x82x110 | 3,6 |
| 2301128    | 1x28W | 3K/4K | 230V |           | 1174x82x110 | 3,6 |
| 2301135    | 1x35W | 3K/4K | 230V |           | 1474x82x110 | 4,7 |
| 2301149    | 1x49W | 3K/4K | 230V |           | 1474x82x110 | 4,7 |
| 2301180    | 1x80W | 3K/4K | 230V |           | 1474x82x110 | 4,7 |
| <b>LED</b> |       |       |      |           |             |     |
| 2301711    | 12,0W | 3K/4K | 230V | 1920/2000 | 574x82x110  | 2,2 |
| 2301712    | 16,0W | 3K/4K | 230V | 2560/2670 | 574x82x110  | 2,2 |
| 2301721    | 24,0W | 3K/4K | 230V | 3840/4000 | 1174x82x110 | 3,6 |
| 2301722    | 32,0W | 3K/4K | 230V | 5120/5340 | 1174x82x110 | 3,6 |
| 2301731    | 30,0W | 3K/4K | 230V | 4800/5000 | 1474x82x110 | 4,7 |
| 2301732    | 40,0W | 3K/4K | 230V | 6400/6680 | 1474x82x110 | 4,7 |
| 2301741    | 36,0W | 3K/4K | 230V | 5760/6000 | 1700x82x110 | 5,6 |



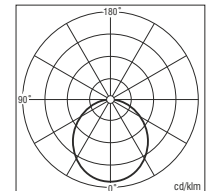
Ukрасna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Sajla za vješanje  
(2 kom potrebna) L=1500mm  
Hanging wire  
(2 pcs needed) L=1500mm  
**art. 285**



SIDE OPAL art. 2301128





# Skywalker

Skywalker je potpuno prilagodljivo rješenje linearnog rasvjetnog sustava, dekorativna i inovativna svjetiljka pogodna za stambene i poslovne prostore. Ova elegantna svjetiljka okarakterizirana minimalističkim dizajnom pruža maksimalno osvjetljenje. Uz mogućnost kombiniranja različitih leća i difuzora te regulacije svjetlosnog toka, svjetiljka daje idealnu količinu svjetlosti.

Svjetiljka je dostupna u nadgradnoj i visećoj varijanti. Aluminijsko tijelo omogućuje visoku kvalitetu i trajnost proizvoda, a izbor finostrukturnih boja pruža uklapanje u svaki interijer.

*Skywalker is a completely customizable linear lighting solution, decorative and innovative luminaire perfect for general lighting and offices. This stylish fixture is characterized with minimalist design offering maximum lighting.*

*Combined with different lenses and diffusers with possibility of dimming it provides the right amount of light for your setting. The luminaire is available as a surface-mounted or pendant version. Aluminium body of the luminaire offers high quality and durability of the product and the finely structured color selection enables integration into any interior space.*

NAMJENA / USAGE





# Skywalker

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | A x B x H  | kg  |
|------------|-------|-------|------|-----------|------------|-----|
| <b>LED</b> |       |       |      |           |            |     |
| 2771711    | 36,0W | 3K/4K | 230V | 5184/5400 | 1140x35x75 | 2,0 |
| 2771721    | 42,0W | 3K/4K | 230V | 6048/6300 | 1420x35x75 | 2,9 |
| 2771731    | 54,0W | 3K/4K | 230V | 7776/8100 | 1700x35x75 | 3,5 |

**Kućiste:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Odsijač:** polikarbonatni odsijač širine snopa svjetlosti 45° crne boje

**Optika:** polikarbonatna rigirana leća visokog stupnja propusnosti

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Reflector:** polycarbonate reflector with 45° distribution in black colour

**Optics:** polycarbonate lens with high light transmission

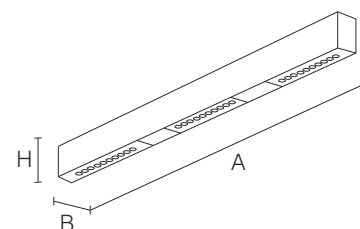
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

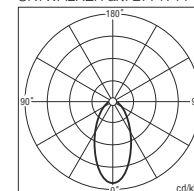


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 296**



Ukrasna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**

SKYWALKER art. 2771711



# Skywalker OP

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



ANODIZED AL. (A)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | A x B x H  | kg  |
|------------|-------|-------|------|-----------|------------|-----|
| <b>LED</b> |       |       |      |           |            |     |
| 2781711    | 24,0W | 3K/4K | 230V | 3840/4000 | 1140x35x75 | 2,0 |
| 2781721    | 30,0W | 3K/4K | 230V | 4800/5000 | 1420x35x75 | 2,9 |
| 2781731    | 36,0W | 3K/4K | 230V | 5760/6000 | 1700x35x75 | 3,5 |

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

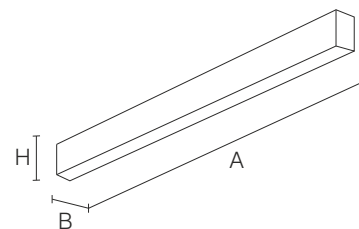
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



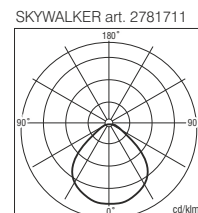
Prema zahtjevu:  
On request:



Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 296**



Ukрасna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**



# Skywalker System

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Odsijač:** polikarbonatni odsijač širine snopa svjetlosti 45° crne boje

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Optika:** polikarbonatna rigirana leća visokog stupnja propusnosti

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect

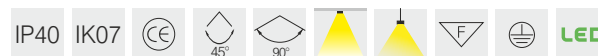
**Reflector:** polycarbonate reflector with 45° distribution in black colour

**Optics:** polycarbonate lens with high light transmission

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



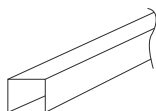
Prema zahtjevu:  
On request:



Art. A x B x H

Kućište / Housing

|         |            |
|---------|------------|
| 2791120 | 1140x34x75 |
| 2791150 | 1420x34x75 |
| 2791180 | 1700x34x75 |
| 2791210 | 2100x34x75 |



Art. W K lm V A x B x H

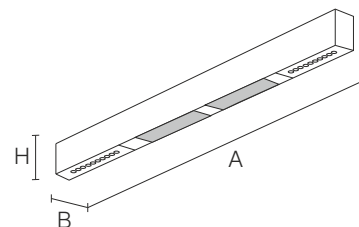
LED modul + opalni difuzor / LED module + opal diffuser

|     |       |       |           |      |         |
|-----|-------|-------|-----------|------|---------|
| 330 | 6,0W  | 3K/4K | 960/1000  | 230V | 300x35  |
| 331 | 12,0W | 3K/4K | 1920/2000 | 230V | 580x35  |
| 332 | 24,0W | 3K/4K | 3840/4000 | 230V | 1140x35 |

Art. W K lm V A x B x H

LED modul + leća s odsijačem / LED module + lens with reflector

|     |        |       |           |      |        |
|-----|--------|-------|-----------|------|--------|
| 340 | 5x1,2W | 3K/4K | 864/900   | 230V | 133x35 |
| 341 | 5x2,0W | 3K/4K | 1440/1500 | 230V | 133x35 |

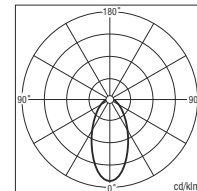


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 296**



Ukrasna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**

SKYWALKER art. 2791120 + 340

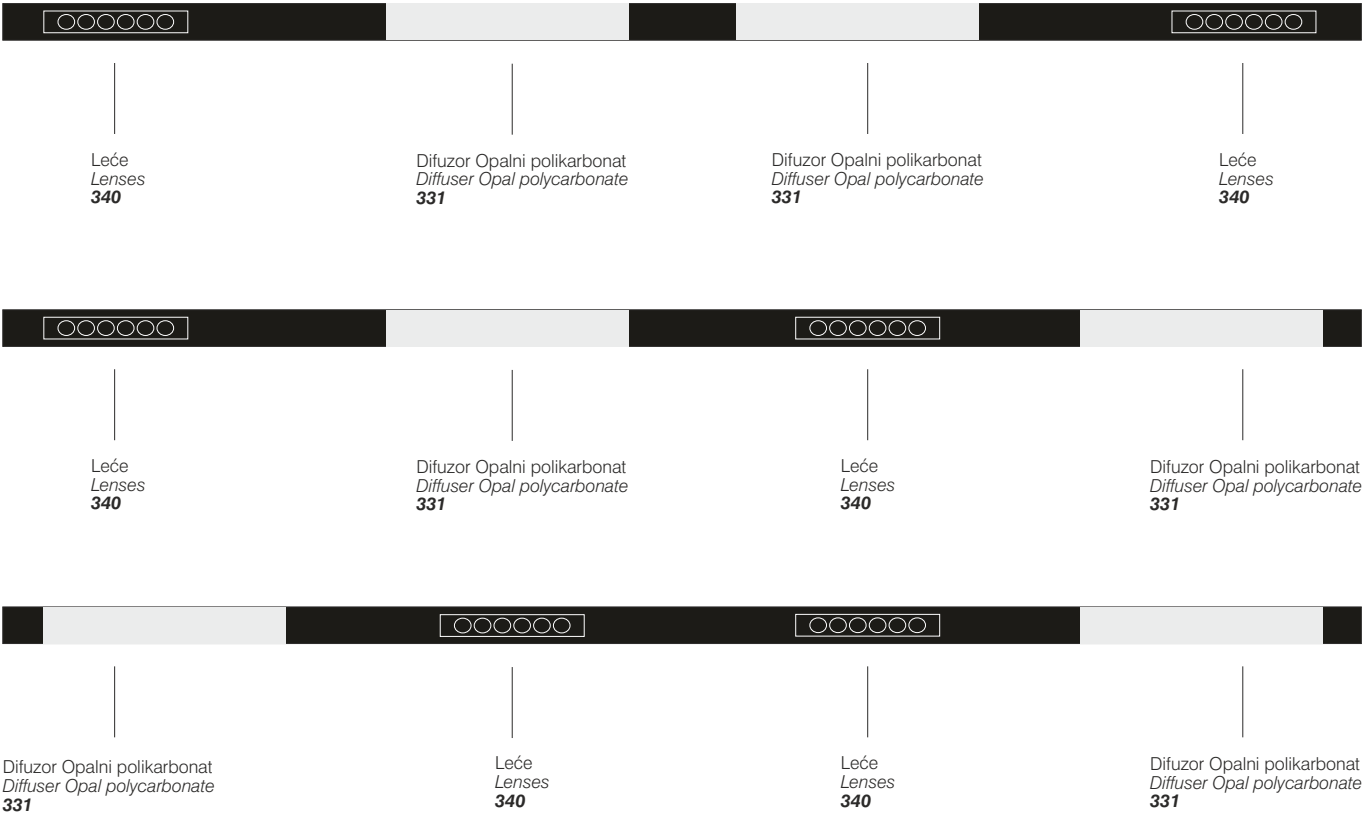




# Skywalker System

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire

Primjer / Example  
Art. 2791210+340+331+331+340







# AF

AF profilna aluminijska asimetrična svjetiljka za zidnu i stropnu montažu sa fluorescentnim ili fluokompaktnim izvorima svjetlosti u stupnju zaštite IP55. Sa mogućnošću aplikacije prekidača, utičnica IP55 omogućuje nesmetanu ugradnju u vlažne prostore kao što su sanitarni prostori, kuhinje...

*AF profile aluminum asymmetric fixture for wall and ceiling mounting with fluorescent or fluocompact light sources in protection degree IP55. With the possibility of applying switches and IP55 sockets, installation in wet areas is enabled, such as bathrooms, kitchens ...*

## NAMJENA / USAGE





**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 i T8 cijevi, LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Odasijač:** iz 99,9% metaliziranog aluminija

**Difuzor:** zaštitni polikarbonatni prizmatični difuzor protiv blještanja

**Montaža:** pomoću vijaka na zid

**Spajanje:** skidanjem difuzora i odasijača dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 and T8 tubes, new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Reflector:** from 99,9% metallized aluminium

**Diffuser:** protective polycarbonate prismatic diffuser

**Mounting:** with screws to the wall

**Connecting:** through removing the reflector and diffuser, connection clamps and all other electronic components are available

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:

On request:



| Art.       | W     | K     | V    | lm        | A x B x H   | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>T8</b>  |       |       |      |           |             |     |
| 2501118    | 1x18W | 3K/4K | 230V |           | 650x117x65  | 2,2 |
| 2501136    | 1x36W | 3K/4K | 230V |           | 1260x117x65 | 3,4 |
| 2501158    | 1x58W | 3K/4K | 230V |           | 1560x117x65 | 4,6 |
| <b>T5</b>  |       |       |      |           |             |     |
| 2501114    | 1x14W | 3K/4K | 230V |           | 610x117x65  | 1,8 |
| 2501121    | 1x21W | 3K/4K | 230V |           | 910x117x65  | 2,3 |
| 2501124    | 1x24W | 3K/4K | 230V |           | 610x117x65  | 1,8 |
| 2501128    | 1x28W | 3K/4K | 230V |           | 1210x117x65 | 3,1 |
| 2501135    | 1x35W | 3K/4K | 230V |           | 1510x117x65 | 3,7 |
| 2501139    | 1x39W | 3K/4K | 230V |           | 1510x117x65 | 2,3 |
| 2501149    | 1x49W | 3K/4K | 230V |           | 1510x117x65 | 3,7 |
| 2501154    | 1x54W | 3K/4K | 230V |           | 1210x117x65 | 3,1 |
| 2501180    | 1x80W | 3K/4K | 230V |           | 1510x117x65 | 3,7 |
| 2501214    | 2x14W | 3K/4K | 230V |           | 610x117x65  | 1,9 |
| 2501221    | 2x21W | 3K/4K | 230V |           | 910x117x65  | 2,4 |
| 2501224    | 2x24W | 3K/4K | 230V |           | 610x117x65  | 1,9 |
| 2501228    | 2x28W | 3K/4K | 230V |           | 1210x117x65 | 3,2 |
| <b>LED</b> |       |       |      |           |             |     |
| 2501711    | 12,0W | 3K/4K | 230V | 1920/2000 | 610x117x65  | 1,8 |
| 2501721    | 18,0W | 3K/4K | 230V | 2880/3000 | 910x117x65  | 2,3 |
| 2501731    | 24,0W | 3K/4K | 230V | 3840/4000 | 1210x117x65 | 3,1 |
| 2501741    | 30,0W | 3K/4K | 230V | 4800/5000 | 1510x117x65 | 3,7 |



Prekidač na lijevoj strani, povećava duljinu svjetiljke za 10 cm  
Switch on the left side, increases the total length by 10mm  
**art. 710**



Utičnica s poklopcem IP55 na desnoj strani, povećava ukupnu dužinu svjetiljke 20mm  
Socket with cap IP55 on the right side, increases the total lamp length for 20mm  
**art. 711**



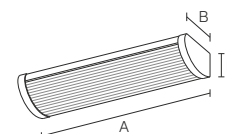
Transformator 20W  
Transformer 20W  
**art. 712**



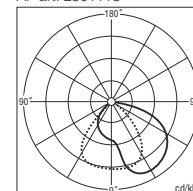
Potezni prekidač na lijevoj strani L=310mm  
Pull switch on the right side L=310mm  
**art. 715**



Dopлата za klasu II  
Additional payment for class II  
**art. 716**



AF art. 2501118





# Profili

NAMJENA / USAGE





# Storm

Nadgradna LED svjetiljka / Surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubljajećeg polikarbonata homogenog efekta

**Montaža:** pomoću "klik" nosača

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with "clip on" carrier

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



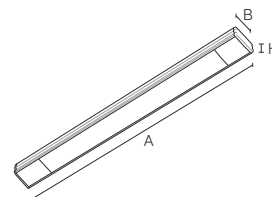
Prema zahtjevu:  
On request:



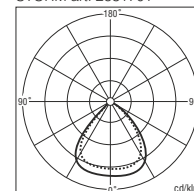
| Art.       | W      | K     | V   | lm       | A x B x H |
|------------|--------|-------|-----|----------|-----------|
| <b>LED</b> |        |       |     |          |           |
| 2581701    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x18x8 |
| 2581702    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x18x8 |
| 2581703    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x18x8 |
| 2581704    | RGB    | 3K/4K | 24V |          | 1000x18x8 |



Nosač za montažu  
Mounting bracket  
h = 7mm  
**art. 423**

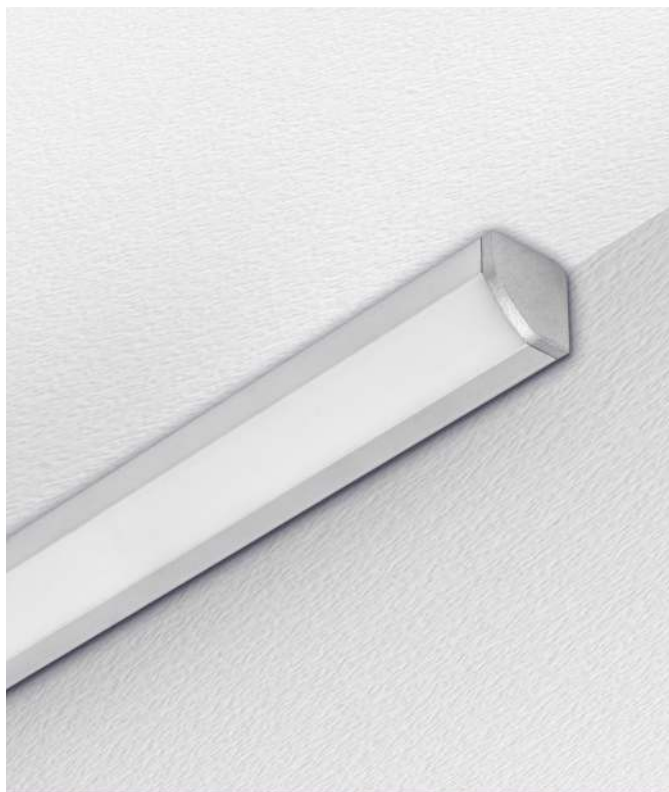


STORM art. 2581701



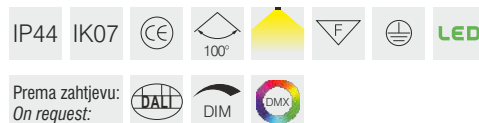
# Angle

Nadgradna LED svjetiljka / Surface mounted LED luminaire



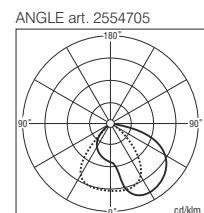
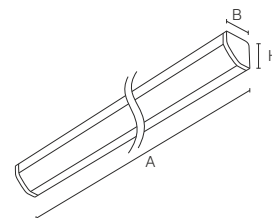
**Kućište:** ekstrudirani aluminijski profil  
**Standardna boja:** anodizirani aluminij  
**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)  
**Izvor svjetla:** LED SMD tehnologije  
**Difuzor:** od satiniranog protubliješćeg polikarbonata homogenog efekta  
**Montaža:** pomoću "klik" nosača  
**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile  
**Standard color:** anodized aluminium  
**Supply unit:** separated power supplies (ordered separately)  
**Light source:** LED with SMD technology  
**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect  
**Mounting:** with "clip on" carrier  
**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request  
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W      | K     | V   | lm       | A x B x H  |
|------------|--------|-------|-----|----------|------------|
| <b>LED</b> |        |       |     |          |            |
| 2554705    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x19x19 |
| 2554707    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x19x19 |
| 2554715    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x19x19 |
| 2554716    | RGB    | 3K/4K | 24V |          | 1000x19x19 |

Nosač za montažu  
 Mounting bracket  
 h=3mm  
**art. 424**



# Procover 1

Ugradna/nadgradna LED svjetiljka / Recessed/surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubljajućeg polikarbonata homogenog efekta

**Montaža:** pomoću "klik" nosača

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

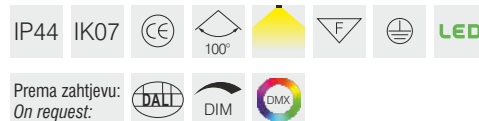
**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with "clip on" carrier

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

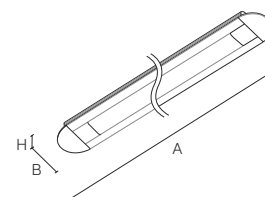
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



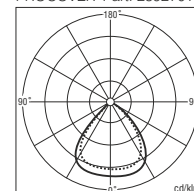
| Art.       | W      | K     | V   | lm       | A x B x H |
|------------|--------|-------|-----|----------|-----------|
| <b>LED</b> |        |       |     |          |           |
| 2592701    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x25x7 |
| 2592702    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x25x7 |
| 2592703    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x25x7 |
| 2592704    | RGB    | 3K/4K | 24V |          | 1000x25x7 |



Nosač za montažu  
Mounting bracket  
h=7mm  
**art. 423**



PROCOVER 1 art. 2592701



# Procover 2

Ugradna/nadgradna LED svjetiljka / Recessed/surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubljajućeg polikarbonata homogenog efekta

**Montaža:** pomoću "klik" nosača

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

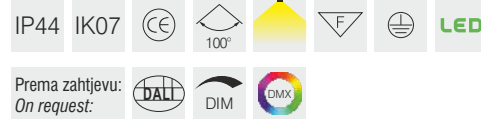
**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with "clip on" carrier

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W      | K     | V   | lm       | A x B x H  |
|------------|--------|-------|-----|----------|------------|
| <b>LED</b> |        |       |     |          |            |
| 2592713    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x23x13 |
| 2592714    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x23x13 |
| 2592715    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x23x13 |
| 2592716    | RGB    | 3K/4K | 24V |          | 1000x23x13 |



Nosač za montažu

Mounting bracket

h = 7mm

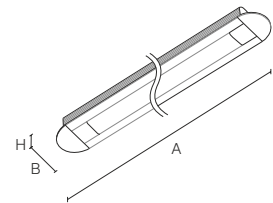
**art. 423**

**IP65**

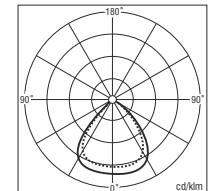
Zalijevanje - IP65 1m

Sealing - IP65 1m

**art. 535**



PROCOVER 2 art. 2592713





PROJECT: Villa Lucy  
PHOTOGRAPHER: D. Fabijanić





# Profile led

Nadgradna LED svjetiljka / Surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiranog protubljestećeg polikarbonata homogenog efekta

**Montaža:** pomoću "klik" nosača

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with "clip on" carrier

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

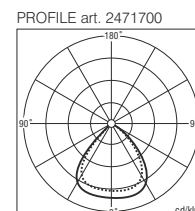
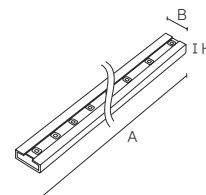
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W      | K     | V   | lm       | A x B x H |
|------------|--------|-------|-----|----------|-----------|
| <b>LED</b> |        |       |     |          |           |
| 2471700    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x14x8 |
| 2471701    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x14x8 |
| 2471702    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x14x8 |
| 2471703    | RGB    | 3K/4K | 24V |          | 1000x14x8 |



Nosač za montažu  
Mounting bracket  
h=5mm  
**art. 419**



# Profiline

Nadgradna LED svjetiljka / Surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubliješćeg polikarbonata homogenog efekta

**Montaža:** pomoću "klik" nosača

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

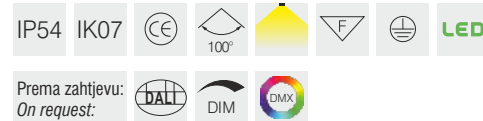
**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with "clip on" carrier

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W      | K     | V   | lm       | A x B x H  |
|------------|--------|-------|-----|----------|------------|
| <b>LED</b> |        |       |     |          |            |
| 2451700    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x20x20 |
| 2451701    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x20x20 |
| 2451702    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x20x20 |
| 2451712    | RGB    | 3K/4K | 24V |          | 1000x20x20 |



Nosač za montažu

Mounting bracket

h=11mm

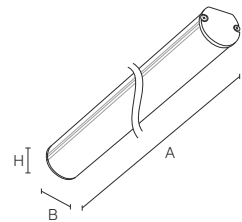
**art. 418**



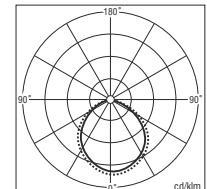
Zalijevanje - IP65 1m

Sealing - IP65 1m

**art. 535**



PROFILINE art. 2451700



# Haven

Ugradna LED svjetiljka / Recessed LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubljajućeg polikarbonata homogenog efekta

**Montaža:** ugradnja u otvor pomoću opruga

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with springs into opening

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

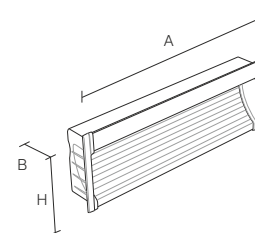
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



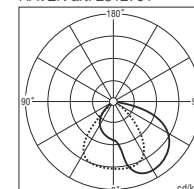
Prema zahtjevu:  
On request:



| Art.       | W      | K     | V   | lm       | A x B x H  | ∠      |
|------------|--------|-------|-----|----------|------------|--------|
| <b>LED</b> |        |       |     |          |            |        |
| 2612701    | 4,8 W  | 3K/4K | 24V | 320/340  | 1000x28x70 | 997x67 |
| 2612702    | 7,2 W  | 3K/4K | 24V | 490/510  | 1000x28x70 | 997x67 |
| 2612703    | 14,4 W | 3K/4K | 24V | 980/1020 | 1000x28x70 | 997x67 |
| 2612704    | RGB    | 3K/4K | 24V |          | 1000x28x70 | 997x67 |

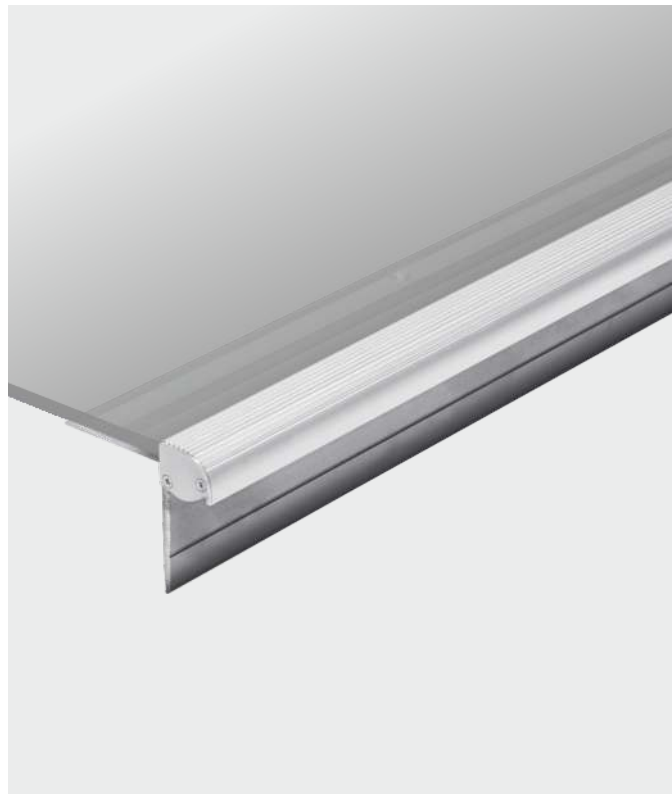


HAVEN art. 2612701



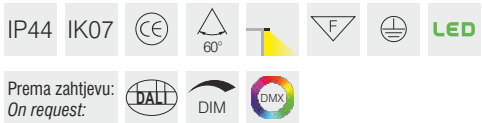
# Stepline

Nadgradna LED svjetiljka / Surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil  
**Standardna boja:** anodizirani aluminij  
**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)  
**Izvor svjetla:** LED SMD tehnologije  
**Difuzor:** od satiranog protublještećeg polikarbonata homogenog efekta  
**Montaža:** na rub stepenice prije stavljanja keramike  
**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

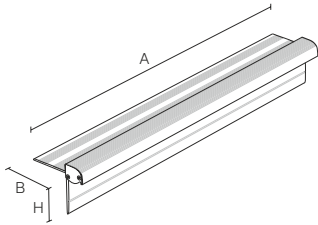
**Housing:** extruded aluminium profile  
**Standard color:** anodized aluminium  
**Supply unit:** separated power supplies (ordered separately)  
**Light source:** LED with SMD technology  
**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect  
**Mounting:** on the edge of stairs before tiles  
**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request  
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W     | K     | V   | lm      | A x B x H  |
|------------|-------|-------|-----|---------|------------|
| <b>LED</b> |       |       |     |         |            |
| 2431712    | 4,8 W | 3K/4K | 24V | 320/340 | 1000x65x57 |



Završna bočnica (par)  
Ending plate (pair)  
**art. 304**



Protuklizna površina  
Anti-slip surface





# Stepline carpet

Nadgradna LED svjetiljka / Surface mounted LED luminaire



**Kućište:** ekstrudirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Električne komponente:** odvojene napojne jedinice (naručuju se zasebno)

**Izvor svjetla:** LED SMD tehnologije

**Difuzor:** od satiniranog protubljestećeg polikarbonata homogenog efekta

**Montaža:** vijcima na rub stepenica

**Spajanje:** na priključni kabel, kojeg je na osnovu zahtjeva moguće pozicionirati na početku ili kraju profila

**Prema zahtjevu:** regulacijska jedinica DALI, DIM, RGB DMX upravljanje (vidi upute za naručivanje)

**Housing:** extruded aluminium profile

**Standard color:** anodized aluminium

**Supply unit:** separated power supplies (ordered separately)

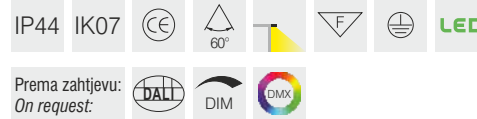
**Light source:** LED with SMD technology

**Diffuser:** from satinated, anti-glare polycarbonate with homogenous effect

**Mounting:** with screws on edge of stairs

**Connecting:** on the connection cable which one can be positioned on to beginning or ending of the profile, based on request

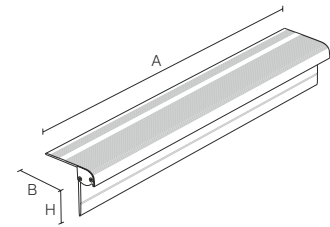
**On request:** regulation unit DALI, DIM, RGB DMX (see ordering instructions)



| Art.       | W     | K     | V   | lm      | A x B x H  |
|------------|-------|-------|-----|---------|------------|
| <b>LED</b> |       |       |     |         |            |
| 2441705    | 4,8 W | 3K/4K | 24V | 320/340 | 1000x65x57 |



Završna bočnica (par)  
Ending plate (pair)  
**art. 305**



Protuklizna površina  
Anti-slip surface







Opća rasvjeta  
General lighting







# SPACE

Dekoratívne svietilky i systémy Space, najnovíjy inovatívny výrobok v sektore vnútroštrného osvetľovania umožňuje rôzne svetelné kreatívne. Namierené sú na priame i/alebo nepriame osvetľovanie konferenčných síľ, úradov, škôl, hotelových komplexov, univerzít...Difúznou optikou Mikroprizmatik 1000 línií dochádza k "revolúcii" osvetľovania medzi ambienami, pramenami usporiadania i rasvetlenia. Osvetľovanie sa prispôbuje potrebám človeka v aktivitách práce; čítaniu, písaniu, kreslení. Práca na video termináli vyžaduje vysokú vizuálnu pohodu i osvetľovanie bez "zabľesakov". Tenké i dekoratívne svietilky Space nude ideálna svetelná riešenia ktoré sú flexibilné i adaptívne vysokým požiadavkám.

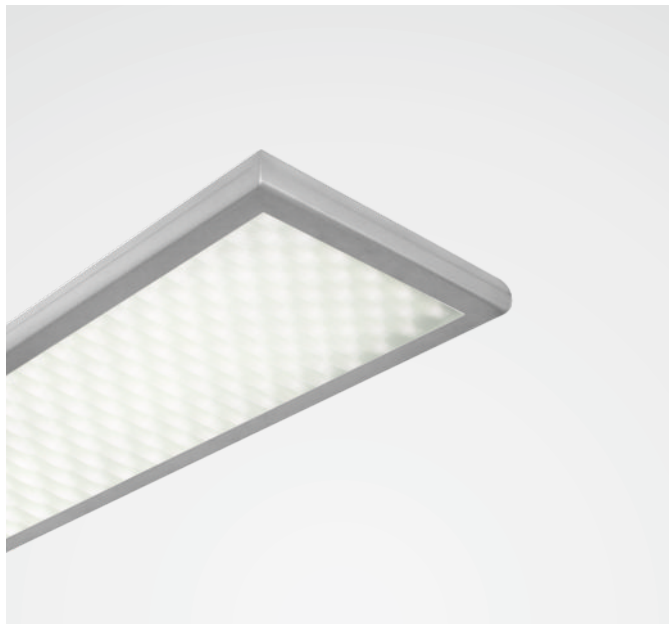
*Space decorative luminaires and systems, the newest innovative product in sector of interior lighting, allow various lighting creations. They are designed for direct and/or indirect lighting of conference rooms, offices, schools, hotel complexes, universities...The diffused optical system Microprismatic 1000 lines leads to a lighting "revolution" between environments, interior design elements and lighting. Lighting is adapted for specific needs of people for their activities or tasks; reading, writing, drawing. Working on video terminal units requires high visual comfort and lighting without "flashes". Thin and decorative Space luminaires offer ideal light solutions that are flexible and adaptable to high requirements.*

## NAMJENA / USAGE

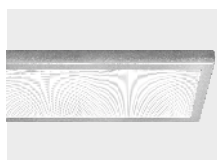


# Space Led

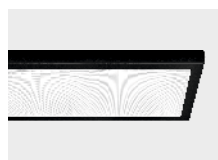
Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** protubljesteći višeslojni difuzor, tehnologije Microprismatic 1000 crta

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** microprismatic 1000 lines diffusive multilayered antiglare diffuser

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art. | W | K | V | lm | A x B x H | kg |
|------|---|---|---|----|-----------|----|
|------|---|---|---|----|-----------|----|

**LED** Direktna distribucija rasvjetle / Direct light distribution

|         |       |       |      |             |             |     |
|---------|-------|-------|------|-------------|-------------|-----|
| 4001701 | 10,7W | 3K/4K | 230V | 1700/1810   | 330x330x37  | 1,9 |
| 4001702 | 14,0W | 3K/4K | 230V | 2150/2300   | 330x330x37  | 1,9 |
| 4001711 | 21,4W | 3K/4K | 230V | 3400/3620   | 630x330x37  | 2,8 |
| 4001712 | 28,0W | 3K/4K | 230V | 4300/4600   | 630x330x37  | 2,8 |
| 4001721 | 42,8W | 3K/4K | 230V | 6800/7240   | 1280x330x37 | 4,5 |
| 4001722 | 56,0W | 3K/4K | 230V | 8600/9200   | 1280x330x37 | 4,5 |
| 4001731 | 53,5W | 3K/4K | 230V | 8500/9050   | 1530x330x37 | 5,4 |
| 4001732 | 70,0W | 3K/4K | 230V | 10750/11500 | 1530x330x37 | 5,4 |

**LED** Direktno-indirektna distribucija rasvjetle / Direct-indirect light distribution

|         |            |       |      | lm          |      |             |     |
|---------|------------|-------|------|-------------|------|-------------|-----|
|         |            |       |      | dir         | ind  |             |     |
| 4003741 | 10,7W/1,5W | 3K/4K | 230V | 1700/1810   | 180  | 330x330x37  | 2,1 |
| 4003742 | 14,0W/1,5W | 3K/4K | 230V | 2150/2300   | 180  | 330x330x37  | 2,1 |
| 4003751 | 21,4/3,0W  | 3K/4K | 230V | 3400/3620   | 360  | 630x330x37  | 3,1 |
| 4003752 | 28,0/3,0W  | 3K/4K | 230V | 4300/4600   | 360  | 630x330x37  | 3,1 |
| 4003761 | 42,8/9,0W  | 3K/4K | 230V | 6800/7240   | 1080 | 1280x330x37 | 4,8 |
| 4003762 | 56,0/9,0W  | 3K/4K | 230V | 8600/9200   | 1080 | 1280x330x37 | 4,8 |
| 4003771 | 53,5/12,0W | 3K/4K | 230V | 8500/9050   | 1440 | 1530x330x37 | 5,7 |
| 4003772 | 70,0/12,0W | 3K/4K | 230V | 10750/11500 | 1440 | 1530x330x37 | 5,7 |



Plafonski nosači za montažu svjetiljke. Razmak između svjetiljke i stropa 20mm (par)  
Ceiling mounted support structure for mounting light fixtures.  
20mm distance between the luminaire and the ceiling  
**art. 415**

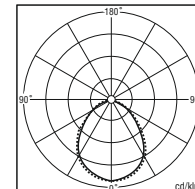


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**

SPACE art. 4003722

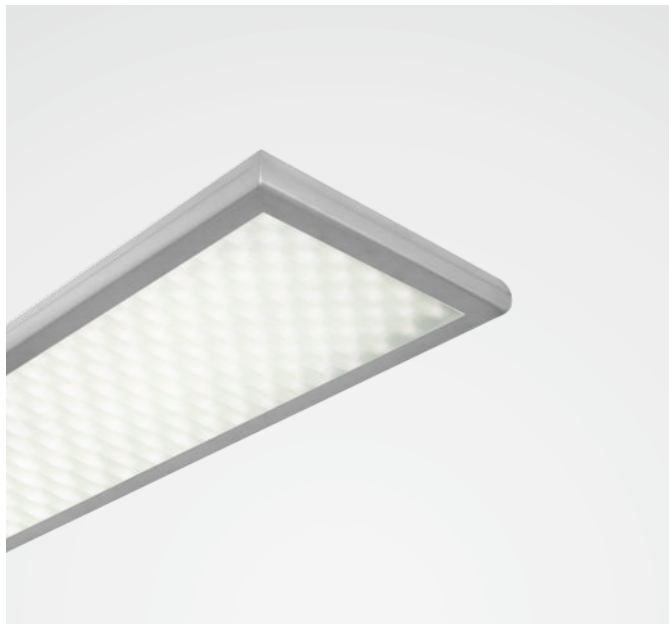




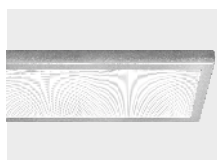


# Space

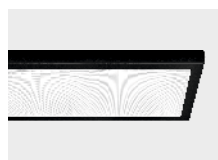
Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Difuzor:** protubljesteći višeslojni difuzor, tehnologije Microprismatic 1000 crta

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes

**Diffuser:** microprismatic 1000 lines diffusive multilayered antiglare diffuser

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)

IP44 IK07



Prema zahtjevu:

On request:



| Art.                                                                         | W     | K     | V    | A x B x H   | kg  |
|------------------------------------------------------------------------------|-------|-------|------|-------------|-----|
| <b>T5</b> Direktna distribucija rasvjetle / <i>Direct light distribution</i> |       |       |      |             |     |
| 4001206                                                                      | 2x6W  | 3K/4K | 230V | 330x330x37  | 2,2 |
| 4001214                                                                      | 2x14W | 3K/4K | 230V | 600x330x37  | 3,1 |
| 4001224                                                                      | 2x24W | 3K/4K | 230V | 600x330x37  | 3,1 |
| 4001221                                                                      | 2x21W | 3K/4K | 230V | 900x330x37  | 4,1 |
| 4001239                                                                      | 2x39W | 3K/4K | 230V | 900x330x37  | 4,1 |
| 4001228                                                                      | 2x28W | 3K/4K | 230V | 1200x330x37 | 4,7 |
| 4001254                                                                      | 2x54W | 3K/4K | 230V | 1200x330x37 | 4,7 |
| 4001235                                                                      | 2x35W | 3K/4K | 230V | 1500x330x37 | 5,9 |
| 4001249                                                                      | 2x49W | 3K/4K | 230V | 1500x330x37 | 5,9 |
| 4001280                                                                      | 2x80W | 3K/4K | 230V | 1500x330x37 | 5,9 |



Plafonski nosači za montažu svjetiljke. Razmak između svjetiljke i stropa 20mm (par)  
*Ceiling mounted support structure for mounting light fixtures. 20mm distance between the luminaire and the ceiling*

**art. 415**



Sajla za vješanje L=1500mm  
*Hanging wire L=1500mm*

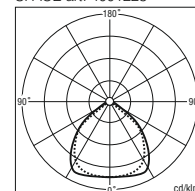
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
*Decorative box with decorative transparent cable L=1500mm*

**art. 297**

SPACE art. 4001228

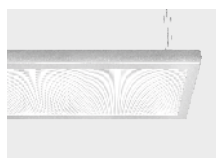


# Space

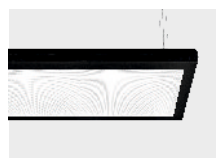
Viseća direkt/indirektna svjetiljka / *Suspended direct/indirect luminaire*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 cijevi  
**Difuzor:** protubljesteći višeslojni difuzor, tehnologije Microprismatic 1000 crta  
**Montaža:** vješanje na čelične visilice  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

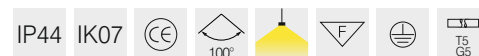
**Light source:** fluorescent T5 tubes

**Diffuser:** microprismatic 1000 lines diffusive multilayered antiglare diffuser

**Mounting:** hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

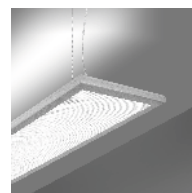
**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.                                                                                            | W     | K     | V    | A x B x H   | kg  |
|-------------------------------------------------------------------------------------------------|-------|-------|------|-------------|-----|
| <b>T5</b> Direktno-indirektna distribucija rasvjete / <i>Direct-indirect light distribution</i> |       |       |      |             |     |
| 4008206                                                                                         | 2x6W  | 3K/4K | 230V | 330x330x37  | 2,2 |
| 4008214                                                                                         | 2x14W | 3K/4K | 230V | 600x330x37  | 3,1 |
| 4008224                                                                                         | 2x24W | 3K/4K | 230V | 600x330x37  | 3,1 |
| 4008221                                                                                         | 2x21W | 3K/4K | 230V | 900x330x37  | 4,1 |
| 4008239                                                                                         | 2x39W | 3K/4K | 230V | 900x330x37  | 4,1 |
| 4008228                                                                                         | 2x28W | 3K/4K | 230V | 1200x330x37 | 4,7 |
| 4008254                                                                                         | 2x54W | 3K/4K | 230V | 1200x330x37 | 4,7 |
| 4008235                                                                                         | 2x35W | 3K/4K | 230V | 1500x330x37 | 5,9 |
| 4008249                                                                                         | 2x49W | 3K/4K | 230V | 1500x330x37 | 5,9 |
| 4008280                                                                                         | 2x80W | 3K/4K | 230V | 1500x330x37 | 5,9 |



Direktno indirektna distribucija svjetla  
*Direct/indirect light distribution*

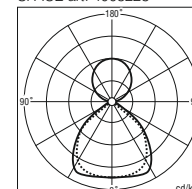


Sajla za vješanje L=1500mm  
*Hanging wire L=1500mm*  
**art. 285**



Ukрасna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
*Decorative box with decorative  
transparent cable L=1500mm*  
**art. 297**

SPACE art. 4008228





# Space sistemi

Viseća svjetiljka + dodatni pribor / *Suspended luminaire + accessories*



SPACE sistemi omogućuju kreiranje neprekinutih svjetlosnih linija i geometrijskih L, T, X oblika  
*SPACE systems allow you to create continuous light lines and geometric L, T, X shape*



Ovjesni pribor L=1500mm s milimetarskim podešavanjem, bez napojnog kabla  
*Suspension fixings L=1500mm with millimetric adjustment, without supply cable*  
**art. 201**



Ovjesni pribor L=1500mm s milimetarskim podešavanjem i napojnim kablom  
*Suspension fixings L=1500mm with millimetric adjustment and with supply cable*  
**art. 202**



Linijski spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*Linear joint with suspension fixings L=1500mm, millimetric adjustment, without supply cable*  
**art. 811**



Linijski spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem i napojnim kablom  
*Linear joint with suspension fixings L=1500mm, millimetric adjustment and with supply cable*  
**art. 812**



Plafonski nosači za montažu svjetiljke. Razmak između svjetiljke i stropa 20mm (par)  
*Ceiling mounted support structure for mounting light fixtures. 20mm distance between the lamp and the ceiling*  
**art. 415**



Kutni spoj 90° s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*Corner joint 90° with suspension fixings L=1500mm, millimetric adjustment, without supply cable*  
**art. 805**



Kutni spoj 90° s ovjesnim priborom L=1500mm, milimetarskim podešavanjem i napojnim kablom  
*Corner joint 90° with suspension fixings L=1500mm, millimetric adjustment and with supply cable*  
**art. 806**



"T" spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*"T" joint with suspension fixings L=1500mm, millimetric adjustment, without supply cable*  
**art. 807**



"T" spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*"T" joint with suspension fixings L=1500mm, millimetric adjustment and with supply cable*  
**art. 808**

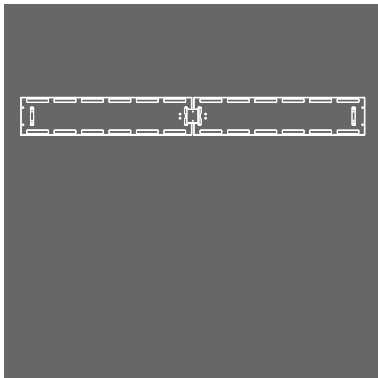


"X" spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*"X" joint with suspension fixings L=1500mm, millimetric adjustment, without supply cable*  
**art. 809**

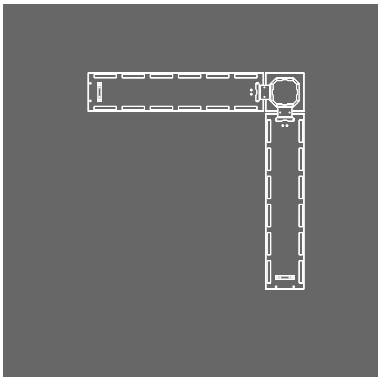


"X" spoj s ovjesnim priborom L=1500mm, milimetarskim podešavanjem, bez napojnog kabla  
*"X" joint with suspension fixings L=1500mm, millimetric adjustment and with supply cable*  
**art. 810**

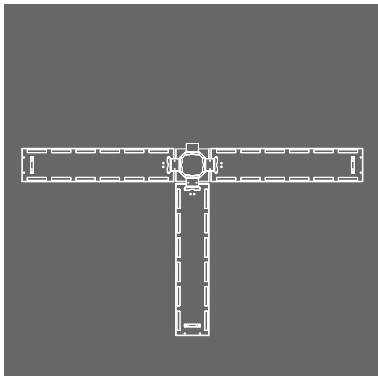
Viseća + dodatni pribor  
*Suspended + accessories*



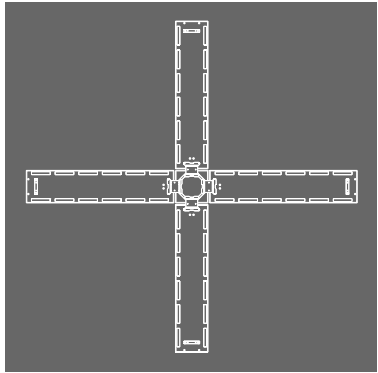
*primjer  
example*  
4003722 - 2pcs  
201 - 2pcs  
812 - 1pc



*primjer  
example*  
4003722 - 2pcs  
4001701 - 1pc  
201 - 2pcs  
806 - 1pc



*primjer  
example*  
4003722 - 3pcs  
4001701 - 1pc  
201 - 3pcs  
808 - 1pc



*primjer  
example*  
4003722 - 4pcs  
4001701 - 1pc  
201 - 4pcs  
810 - 1pc







# Slate

*Najnovija nadgradna ili viseća svjetiljka dekorativnog tipa sa PMMA opalnim difuzorom ili visokokvalitetnim LLP mikro zrcalnim rasterom sa dvostrukom mikroparabolikom. Kućište od ekstrudiranog aluminija visoke čvrstoće te vrhunska završna obrada osobine su Slate linije svjetiljki.*

*Latest surface mounted or suspended luminaire for decorative use with PMMA opal diffuser or high quality LLP micro-mirror louvre with double microparabolics. Housing made from high density extruded aluminium and superb finishing are the features of State line luminaires.*

## NAMJENA / USAGE





# Slate LLP

Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling, hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

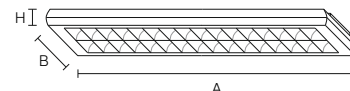


| Art.                                                                   | W     | K     | V    | lm         | A x B x H   | kg  |
|------------------------------------------------------------------------|-------|-------|------|------------|-------------|-----|
| <b>LED</b> Direktna distribucija rasvjetle / Direct light distribution |       |       |      |            |             |     |
| 4011721                                                                | 33,6W | 3K/4K | 230V | 5600/5840  | 1230x212x70 | 4,8 |
| 4011722                                                                | 48,0W | 3K/4K | 230V | 7680/8000  | 1230x212x70 | 4,8 |
| 4011731                                                                | 42,0W | 3K/4K | 230V | 7000/7380  | 1530x212x70 | 5,9 |
| 4011732                                                                | 60,0W | 3K/4K | 230V | 9600/10000 | 1530x212x70 | 5,9 |

| LED Direktno indirektna distribucija svjetla / Direct/indirect light distribution |            |       |      |            |        |             |     |
|-----------------------------------------------------------------------------------|------------|-------|------|------------|--------|-------------|-----|
|                                                                                   |            |       |      | lm dir     | lm ind |             |     |
| 4013721                                                                           | 33,6/9,0W  | 3K/4K | 230V | 5600/5840  | 1080   | 1230x212x70 | 5,0 |
| 4013722                                                                           | 48,0/9,0W  | 3K/4K | 230V | 7680/8000  | 1080   | 1230x212x70 | 5,0 |
| 4013731                                                                           | 42,0/12,0W | 3K/4K | 230V | 7000/7380  | 1440   | 1530x212x70 | 6,1 |
| 4013737                                                                           | 60,0/12,0W | 3K/4K | 230V | 9600/10000 | 1440   | 1530x212x70 | 6,1 |



Direktno indirektna distribucija svjetla  
Direct/indirect light distribution

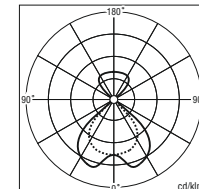


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 285**



Ukрасna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**

SLATE art. 4013721



# Slate LLP

Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparaboličkom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



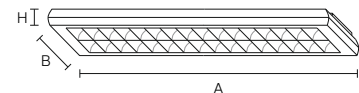
Prema zahtjevu:  
On request:



| Art.                                                                                             | W     | K     | V    | A x B x H   | kg  |
|--------------------------------------------------------------------------------------------------|-------|-------|------|-------------|-----|
| <b>T5</b> Direktna distribucija rasvjetle / <i>Direct light distribution</i>                     |       |       |      |             |     |
| 4011228                                                                                          | 2x28W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4011254                                                                                          | 2x54W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4011235                                                                                          | 2x35W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4011249                                                                                          | 2x49W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4011280                                                                                          | 2x80W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| <b>T5</b> Direktno-indirektna distribucija rasvjetle / <i>Direct-indirect light distribution</i> |       |       |      |             |     |
| 4013228                                                                                          | 2x28W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4013254                                                                                          | 2x54W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4013235                                                                                          | 2x35W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4013249                                                                                          | 2x49W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4013280                                                                                          | 2x80W | 3K/4K | 230V | 1530x212x70 | 5,9 |



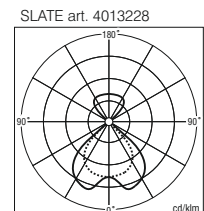
Direktno indirektna distribucija svjetla  
*Direct indirect light distribution*



Sajla za vješanje L=1500mm  
*Hanging wire L=1500mm*  
**art. 285**

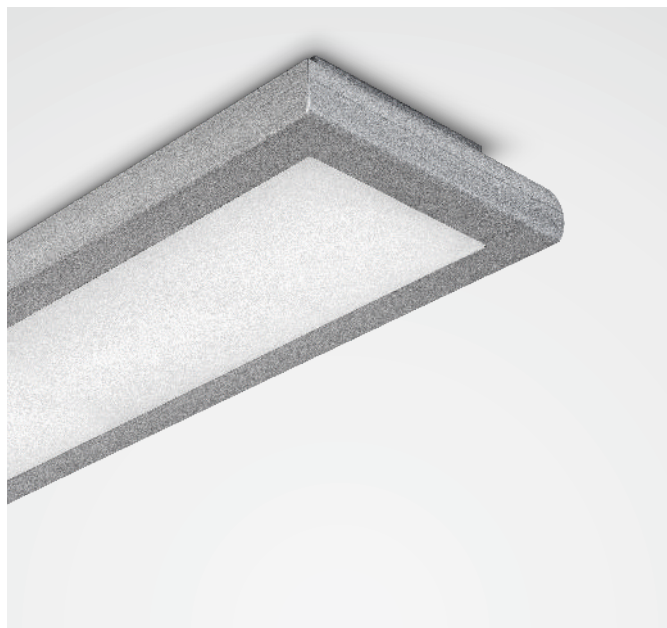


Ukrasna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
*Decorative box with decorative  
transparent cable L=1500mm*  
**art. 297**

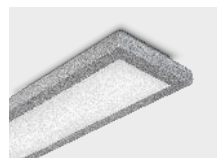


# Slate Opal

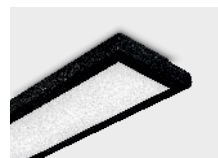
Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Difuzor:** protubljajući opalni polikarbonat homogenog efekta tehnologije "Crystal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling, hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art. | W | K | V | lm | A x B x H | kg |
|------|---|---|---|----|-----------|----|
|------|---|---|---|----|-----------|----|

**LED** Direktna distribucija rasvjetle / Direct light distribution

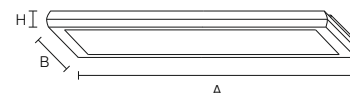
|         |       |       |      |            |             |     |
|---------|-------|-------|------|------------|-------------|-----|
| 4011726 | 33,6W | 3K/4K | 230V | 5600/5840  | 1230x212x70 | 4,8 |
| 4011727 | 48,0W | 3K/4K | 230V | 7680/8000  | 1230x212x70 | 4,8 |
| 4011736 | 42,0W | 3K/4K | 230V | 7000/7380  | 1530x212x70 | 5,9 |
| 4011737 | 60,0W | 3K/4K | 230V | 9600/10000 | 1530x212x70 | 5,9 |

**LED** Direktno-indirektna distribucija rasvjetle / Direct-indirect light distribution

|         |            |       |      | lm dir     | lm ind |             |     |
|---------|------------|-------|------|------------|--------|-------------|-----|
| 4013726 | 33,6/9,0W  | 3K/4K | 230V | 5600/5840  | 1080   | 1230x212x70 | 5,0 |
| 4013727 | 48,0/9,0W  | 3K/4K | 230V | 7680/8000  | 1080   | 1230x212x70 | 5,0 |
| 4013736 | 42,0/12,0W | 3K/4K | 230V | 7000/7380  | 1440   | 1530x212x70 | 6,1 |
| 4013737 | 60,0/12,0W | 3K/4K | 230V | 9600/10000 | 1440   | 1530x212x70 | 6,1 |



Direktno indirektna distribucija svjetla  
Direct/indirect light distribution

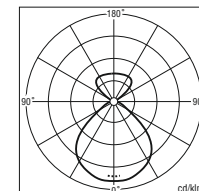


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 285**



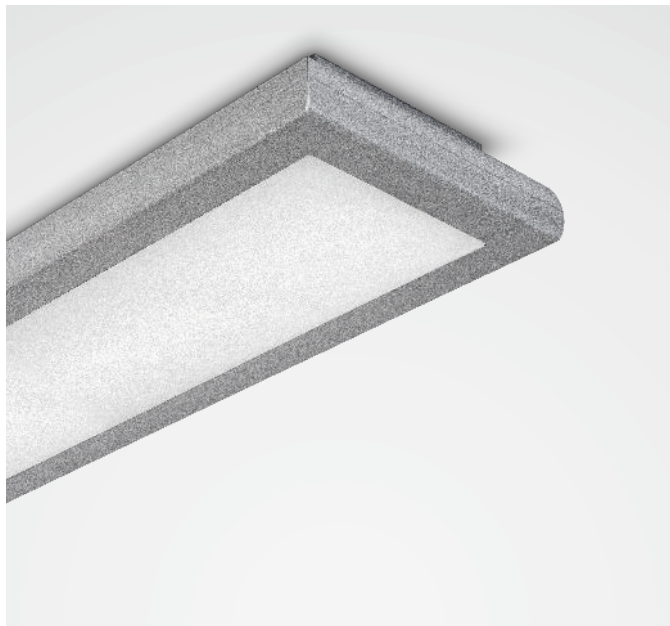
Ukрасna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**

SLATE art. 4013726

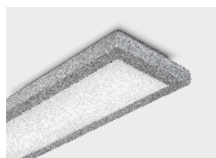


# Slate Opal

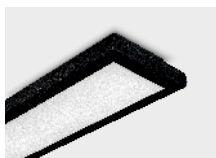
Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



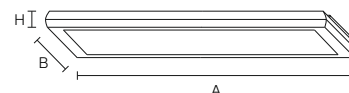
Prema zahtjevu:  
On request:



| Art.                                                                                            | W     | K     | V    | A x B x H   | kg  |
|-------------------------------------------------------------------------------------------------|-------|-------|------|-------------|-----|
| <b>T5</b> Direktna distribucija rasvjete / <i>Direct light distribution</i>                     |       |       |      |             |     |
| 4011229                                                                                         | 2x28W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4011255                                                                                         | 2x54W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4011236                                                                                         | 2x35W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4011248                                                                                         | 2x49W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4011281                                                                                         | 2x80W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| <b>T5</b> Direktno-indirektna distribucija rasvjete / <i>Direct-indirect light distribution</i> |       |       |      |             |     |
| 4013229                                                                                         | 2x28W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4013255                                                                                         | 2x54W | 3K/4K | 230V | 1230x212x70 | 4,8 |
| 4013236                                                                                         | 2x35W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4013248                                                                                         | 2x49W | 3K/4K | 230V | 1530x212x70 | 5,9 |
| 4013281                                                                                         | 2x80W | 3K/4K | 230V | 1530x212x70 | 5,9 |



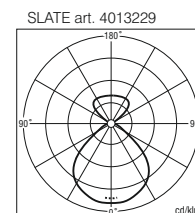
Direktno indirektna distribucija svjetla  
*Direct indirect light distribution*



Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 285**



Ukrasna rozeta s prozirnim  
dekorativnim kabelom L=1500mm  
Decorative box with decorative  
transparent cable L=1500mm  
**art. 297**









# Prima

Najnovija nadgradna ili viseća svjetiljka dekorativnog tipa sa visokokvalitetnim LLP mikro zrcalnim rasterom sa dvostrukom mikroparabolikom. Kućište od ekstrudiranog aluminija visoke čvrstoće te vrhunska završna obrada odlikuju ovu seriju svjetiljaka.

*Latest surface mounted or suspended luminaire for decorative use with high quality LLP micro-mirror louvre with double microparabolics.*

*Housing made of high density extruded aluminium and superb finishing are just some of the features of Prima line of luminaires.*

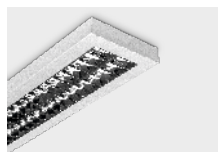
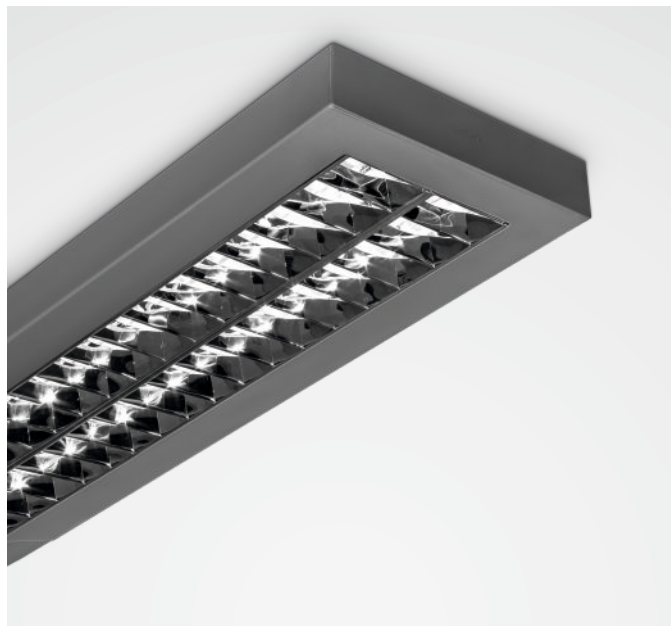
## NAMJENA / USAGE



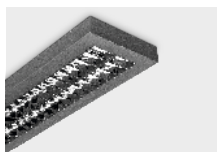


# Prima

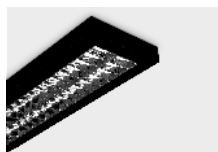
Nadgradna/viseća LED svjetiljka / Surface mounted/suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lammelas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling, hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:

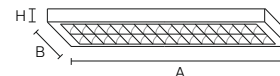


| Art.                                                                  | W     | K     | V    | lm         | A x B x H   | kg  |
|-----------------------------------------------------------------------|-------|-------|------|------------|-------------|-----|
| <b>LED</b> Direktna distribucija rasvjetе / Direct light distribution |       |       |      |            |             |     |
| 4021721                                                               | 33,6W | 3K/4K | 230V | 5600/5840  | 1230x212x70 | 4,8 |
| 4021722                                                               | 48,0W | 3K/4K | 230V | 7680/8000  | 1230x212x70 | 4,8 |
| 4021731                                                               | 42,0W | 3K/4K | 230V | 7000/7380  | 1530x212x70 | 5,9 |
| 4021732                                                               | 60,0W | 3K/4K | 230V | 9600/10000 | 1530x212x70 | 5,9 |

| LED Direktno-indirektna distribucija rasvjetе / Direct-indirect light distribution |            |       |      |            |        |             |     |
|------------------------------------------------------------------------------------|------------|-------|------|------------|--------|-------------|-----|
|                                                                                    |            |       |      | lm dir     | lm ind |             |     |
| 4023721                                                                            | 33,6/9,0W  | 3K/4K | 230V | 5600/5840  | 1080   | 1230x212x70 | 5,0 |
| 4023722                                                                            | 48,0/9,0W  | 3K/4K | 230V | 7680/8000  | 1080   | 1230x212x70 | 5,0 |
| 4023731                                                                            | 42,0/12,0W | 3K/4K | 230V | 7000/7380  | 1440   | 1530x212x70 | 6,1 |
| 4023737                                                                            | 60,0/12,0W | 3K/4K | 230V | 9600/10000 | 1440   | 1530x212x70 | 6,1 |



Direktno/indirektna distribucija svjetla  
Direct/indirect light distribution



Sajla za vješanje L=1500mm  
Hanging wire L=1500mm

**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm

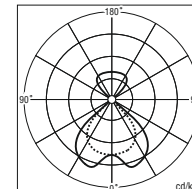
**art. 297**



Linijski spoj  
Linear connector

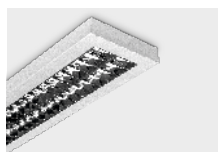
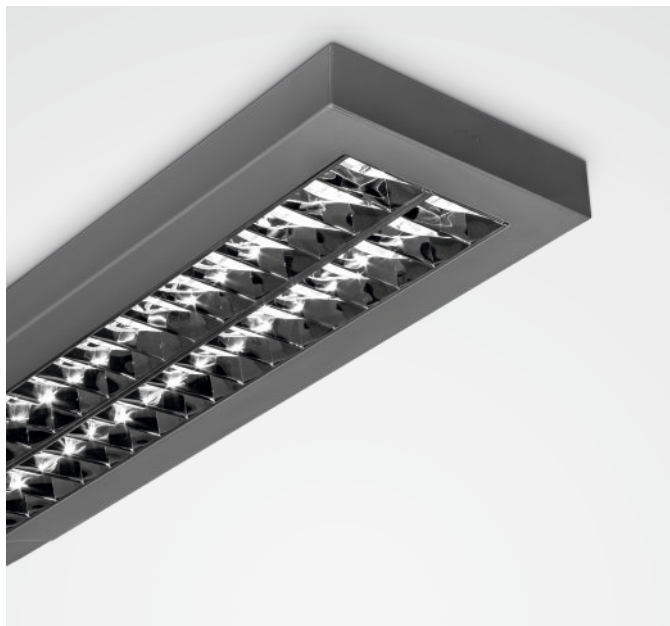
**art. 800**

PRIMA art. 4023721

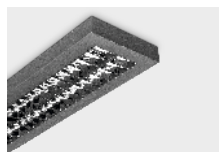


# Prima

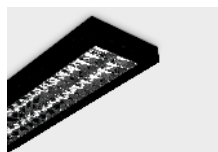
Nadgradna/viseća svjetiljka / *Surface mounted/suspended luminaire*



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 cijevi

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white, grey, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** fluorescent T5 tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



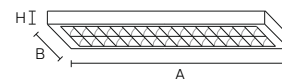
Prema zahtjevu:  
On request:



| Art.                                                                                             | W     | K     | V    | A x B x H   | kg  |
|--------------------------------------------------------------------------------------------------|-------|-------|------|-------------|-----|
| <b>T5</b> Direktna distribucija rasvjetle / <i>Direct light distribution</i>                     |       |       |      |             |     |
| 4021228                                                                                          | 2x28W | 3K/4K | 230V | 1258x230x54 | 4,8 |
| 4021254                                                                                          | 2x54W | 3K/4K | 230V | 1258x230x54 | 4,8 |
| 4021235                                                                                          | 2x35W | 3K/4K | 230V | 1558x230x54 | 5,9 |
| 4021249                                                                                          | 2x49W | 3K/4K | 230V | 1558x230x54 | 5,9 |
| 4021280                                                                                          | 2x80W | 3K/4K | 230V | 1558x230x54 | 5,9 |
| <b>T5</b> Direktno-indirektna distribucija rasvjetle / <i>Direct-indirect light distribution</i> |       |       |      |             |     |
| 4026228                                                                                          | 2x28W | 3K/4K | 230V | 1258x230x54 | 4,8 |
| 4026254                                                                                          | 2x54W | 3K/4K | 230V | 1258x230x54 | 4,8 |
| 4026235                                                                                          | 2x35W | 3K/4K | 230V | 1558x230x54 | 5,9 |
| 4026249                                                                                          | 2x49W | 3K/4K | 230V | 1558x230x54 | 5,9 |
| 4026280                                                                                          | 2x80W | 3K/4K | 230V | 1558x230x54 | 5,9 |



Direkt/indirektna distribucija svjetla  
*Direct/indirect lighting*



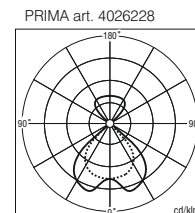
Sajla za vješanje L=1500mm  
*Hanging wire L=1500mm*  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
*Decorative box with decorative transparent cable L=1500mm*  
**art. 297**



Linijski spoj  
*Linear connector*  
**art. 800**







# Livelo

Livelo je rasvjetno tijelo specifičnog dekorativnog karaktera zahvaljujući svom cilindričnom geometrijskom obliku. Difuzor svjetiljke je od opalnog polikarbonata koji ju oplemenjuje svojim visokim stupnjem uniformiranosti svjetlosnog toka tehnologije "Crystal Ice". Osmišljena da stoji samostalno u prostoru ili za slaganje u kontinuirane redove stvarajući zanimljiv vizualni efekt u svakom interijeru.

*Livelo is a light fixture with a specific decorative character thanks to its cylindrical geometric shape. The luminaire diffuser is an opal polycarbonate which with soft effect enriches the lamp with it's uniform luminous flux made possible by "Crystal Ice" technology. Designed to stand alone or to arrange them into continuous lines creating an interesting visual effect in every interior.*



## NAMJENA / USAGE



# Livelo

Nadgradna/viseća LED / fluorescentna svjetiljka / Surface/suspended LED / fluorescent luminaire



**Kućiste / difuzor:** protubljajući opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućiste  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+ +; fluorescentne T5 cijevi  
**Montaža:** nosačima na strop/zid, vješanje na čelične visilice  
**Spajanje:** skidanjem poklopca dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing / diffuser:** anti-glare "Cristal Ice" opal diffuser with homogenous effect  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+ +; fluorescent T5 tubes  
**Mounting:** with brackets to the ceiling/wall / hanging on steel suspension wires  
**Connecting:** connection clamps and all other electronic components are available by removing the side cap  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP55

IK08

LED

Prema zahtjevu:  
On request:

| Art.    | W     | K     | V    | lm        | Æx H    | kg  |
|---------|-------|-------|------|-----------|---------|-----|
| LED     |       |       |      |           |         |     |
| 4033710 | 18,0W | 3K/4K | 230V | 2830/3000 | 80x860  | 1,7 |
| 4033720 | 24,0W | 3K/4K | 230V | 3840/4000 | 80x1140 | 2,5 |
| 4033730 | 30,0W | 3K/4K | 230V | 4750/5000 | 80x1420 | 3,0 |
| T5      |       |       |      |           |         |     |
| 4033128 | 1x28W | 3K/4K | 230V |           | 80x1210 | 2,5 |
| 4033154 | 1x54W | 3K/4K | 230V |           | 80x1210 | 2,5 |
| 4033135 | 1x35W | 3K/4K | 230V |           | 80x1510 | 3,0 |
| 4033149 | 1x49W | 3K/4K | 230V |           | 80x1510 | 3,0 |



Nosač za zidno/plafonsku montažu  
Brackets for wall/ceiling mounting  
**art. 410** - h=50mm  
**art. 411** - h=100mm



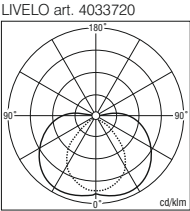
Sajla za vješanje  
L=1500mm  
Hanging wire  
L=1500mm  
**art. 296**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Zalijevanje - IP65  
Sealing - IP65  
**art. 535**





# Geometry

Nadgradna ili ugradna svjetiljka koju odlikuje specifičan direktno indirektan izvor svjetlosti pruža iznimnu osvijetljenost svakom prostoru.

Mikro parbolični raster smanjuje direktno blještenje istovremeno pružajući visoku razinu osvijetljena radnog prostora dok indirektna komponenta svojom blagom, mekanom i difuznom svjetlošću pruža ugodnu i kvalitetnu radnu okolinu.

*Surface mounted or recessed luminaire characterized by direct-indirect light source provides exceptional illumination to every space.*

*Micro parabolic louvre reduces direct glare and at the same time provides a high level of illumination in the work space while the direct-indirect component with it's mild, soft and diffused light provides a comfortable and quality work environment.*

## NAMJENA / USAGE





# Geometry

Nadgradna/viseća direkt/indirekt svjetiljka / *Surface mounted/suspended direct/indirect luminaire*



**Kućiste:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućiste  
**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi  
**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

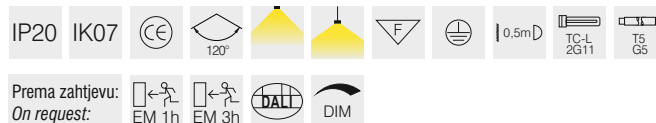
**Light source:** fluorescent T5 and Dulux L tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

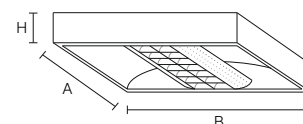
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.           | W     | K     | V    | A x B x H  | kg  |
|----------------|-------|-------|------|------------|-----|
| <b>Dulux L</b> |       |       |      |            |     |
| 4071240        | 2x40W | 3K/4K | 230V | 600x600x90 | 6,0 |
| 4071255        | 2x55W | 3K/4K | 230V | 600x600x90 | 6,0 |
| <b>T5</b>      |       |       |      |            |     |
| 4071214        | 2x14W | 3K/4K | 230V | 600x600x90 | 6,0 |
| 4071224        | 2x24W | 3K/4K | 230V | 600x600x90 | 6,0 |
| 4071414        | 4x14W | 3K/4K | 230V | 600x600x90 | 6,2 |
| 4071424        | 4x24W | 3K/4K | 230V | 600x600x90 | 6,2 |

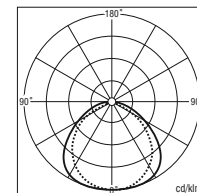


Sajla za vješanje  
 L=1500mm  
 Hanging wire  
 L=1500mm  
**art. 296**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
 Decorative box with decorative transparent cable L=1500mm  
**art. 297**

GEOMETRY art. 4071255



# Geometry

Ugradna direkt/indirekt svjetiljka / *Recessed direct/indirect luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** naslanjanjem na strukturu stropa / držačima kroz otvor

**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

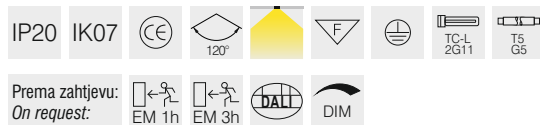
**Light source:** fluorescent T5 and Dulux L tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

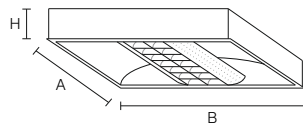
**Mounting:** leaning on the ceiling structure / with holders through the opening

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



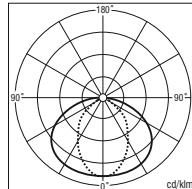
| Art.           | W     | K     | V    | A x B x H  |  | kg  |
|----------------|-------|-------|------|------------|-------------------------------------------------------------------------------------|-----|
| <b>Dulux L</b> |       |       |      |            |                                                                                     |     |
| 4072240        | 2x40W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 5,8 |
| 4072255        | 2x55W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 5,8 |
| <b>T5</b>      |       |       |      |            |                                                                                     |     |
| 4072214        | 2x14W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 5,8 |
| 4072224        | 2x24W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 5,8 |
| 4072414        | 4x14W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 6,0 |
| 4072424        | 4x24W | 3K/4K | 230V | 595x595x90 | 575x575                                                                             | 6,0 |



Komplet pribor za montažu svjetiljke  
*Mounting accessories*

**art. 408**

GEOMETRY art. 4072255





# Soft

Nadgradna i ugradna svjetiljka koju odlikuje specifičan direktno indirektan izvor svjetlosti te polukružno mikroperforirano sjenilo sa dodatnom opalnom zaštitom protiv blještanja, pruža iznimnu osvijetljenost svakom interijeru, a njezina indirektna komponenta svojom blagom, mekanom i difuznom svjetlošću pruža ugodan ambijent.

*Surface mounted and recessed luminaire characterized by direct-indirect light source and metallic semicircular micro-perforated shades with additional opal anti-glare protection, provides exceptional illumination to every interior and it's indirect component with it's mild, soft and diffused light provides a comfortable environment.*

## NAMJENA / USAGE







**Kućište:** čelični lim, električki punktiran i obojan termoepoksidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi  
**Sjenilo:** dva metalna polukružna mikroperforirana sjenila sa dodatnom opalnom zaštitom protiv blještanja  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem sjenila dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

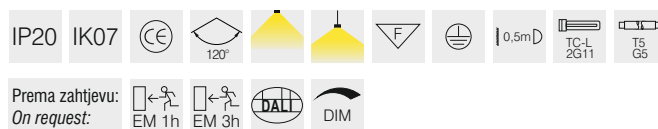
**Light source:** fluorescent T5 and Dulux L tubes

**Shade:** two metallic semicircular micro-perforated shades with additional opal anti-glare protection

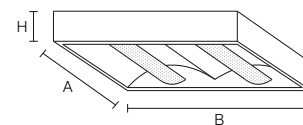
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the shade

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.           | W     | K     | V    | A x B x H  | kg  |
|----------------|-------|-------|------|------------|-----|
| <b>Dulux L</b> |       |       |      |            |     |
| 4091225        | 2x24W | 3K/4K | 230V | 600x600x90 | 6,5 |
| 4091236        | 2x36W | 3K/4K | 230V | 600x600x90 | 6,5 |
| 4091255        | 2x55W | 3K/4K | 230V | 600x600x90 | 6,5 |
| <b>T5</b>      |       |       |      |            |     |
| 4091224        | 2x24W | 3K/4K | 230V | 600x600x90 | 6,5 |

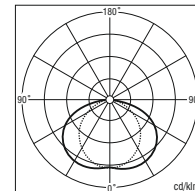


Sajla za vješanje  
 L=1500mm  
 Hanging wire  
 L=1500mm  
**art. 296**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
 Decorative box with decorative transparent cable L=1500mm  
**art. 297**

SOFT II art. 4091255



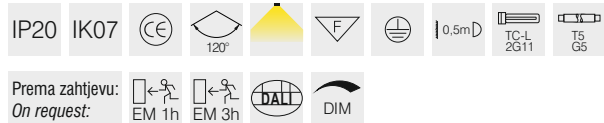
# Soft

Ugradna direkt/indirekt svjetiljka / *Recessed direct/indirect luminaire*

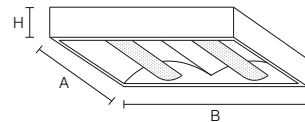


**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 i Dulux L cijevi  
**Sjenilo:** dva metalna polukružna mikroperforirana sjenila sa dodatnom opalnom zaštitom protiv blještanja  
**Montaža:** naslanjanjem na strukturu stropa / držačima kroz otvor  
**Spajanje:** skidanjem sjenila dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

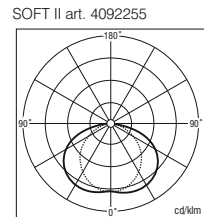
**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** fluorescent T5 and Dulux L tubes  
**Shade:** two metallic semicircular micro-perforated shades with additional opal anti-glare protection  
**Mounting:** leaning on the ceiling structure / with holders through the opening  
**Connecting:** connection clamps and all other electronic components are available by demounting the shade  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

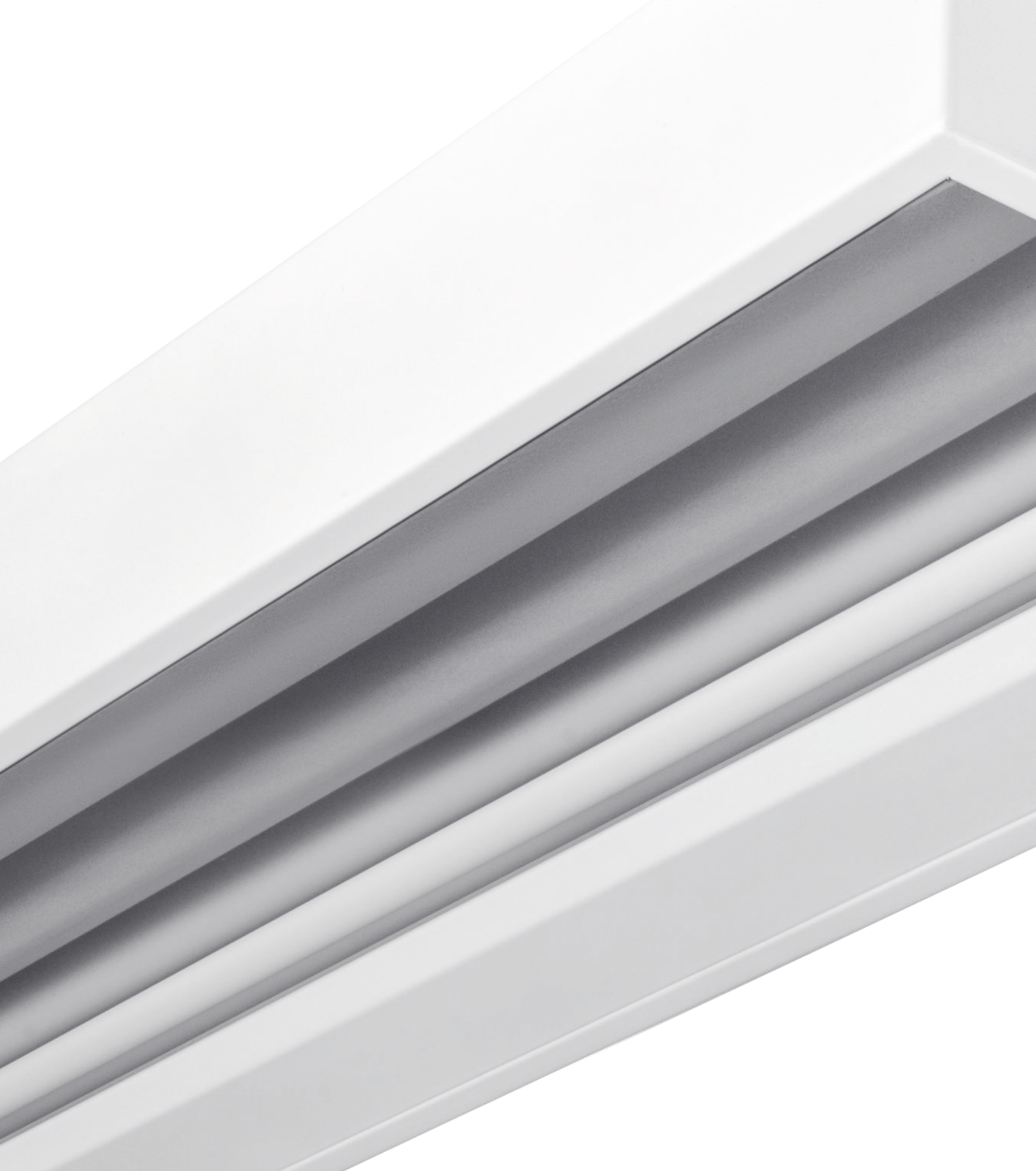


| Art.           | W     | K     | V    | A x B x H  | kg  |
|----------------|-------|-------|------|------------|-----|
| <b>Dulux L</b> |       |       |      |            |     |
| 4092225        | 2x24W | 3K/4K | 230V | 600x600x90 | 6,5 |
| 4092236        | 2x36W | 3K/4K | 230V | 600x600x90 | 6,5 |
| 4092255        | 2x55W | 3K/4K | 230V | 600x600x90 | 6,5 |
| <b>T5</b>      |       |       |      |            |     |
| 4092224        | 2x24W | 3K/4K | 230V | 600x600x90 | 6,5 |



Komplet pribor za montažu svjetiljke  
*Lamp installation set of accessories*  
**art. 408**







# Wallwasher

Nadgradna, viseća i ugradna svjetiljka s asimetričnim izvorom svjetlosti.

Usmjereni izvor svjetlosti čini ovu svjetiljku idealnim izborom za prostore u kojima je potrebno istaknuti proizvode na policama ili zidovima a gdje standardne rasvjetne ploče ne pružaju dovoljno usmjeren izvor svjetlosti. Kućište od električni punktiranog čeličnog lima visoke čvrstoće te vrhunska završna obrada odlikuju ovu seriju svjetiljaka.

*The latest surface mounted/suspended lamp with asymmetric light source.*

*Focused light beam makes this luminaire ideal for usage where the products on a shelf or wall need to be emphasized and where standard light beam luminaires are not enough.*

*Housing made out of electrically punctured steel-sheet metal and superior finishing are the characteristics of this luminaire.*

## NAMJENA / USAGE





# Wallwasher

Nadgradna/viseća asimetrična LED svjetiljka / Surface/suspended asymmetric LED luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Odasiyač:** asimetričan iz oksidiranog i anodiziranog aluminiya čistoće 99,85%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stažnje strane svjetiljke  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Reflector:** asymmetric oxidized and anodized aluminium with 99,85% purity  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP20

IK07

LED

Prema zahtjevu:  
On request:

EM 1h

EM 3h

| Art.    | W     | K     | V    | lm         | A x B x H   | kg  |
|---------|-------|-------|------|------------|-------------|-----|
| LED     |       |       |      |            |             |     |
| 4111721 | 32,0W | 3K/4K | 230V | 5120/5340  | 1210x250x90 | 6,3 |
| 4111722 | 48,0W | 3K/4K | 230V | 7620/8000  | 1210x250x90 | 6,3 |
| 4111731 | 40,0W | 3K/4K | 230V | 6400/6680  | 1510x250x90 | 7,8 |
| 4111732 | 60,0W | 3K/4K | 230V | 9530/10000 | 1510x250x90 | 7,8 |



Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 285**



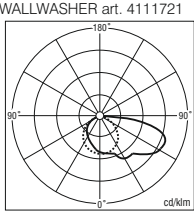
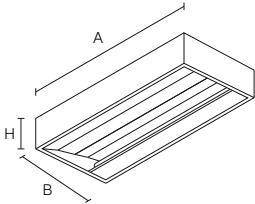
Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



Linijski spoj  
Linear connector  
**art. 800**



Zidni nosač  
Wall carrier  
**art. 830**



# Wallwasher

Nadgradna/viseća asimetrična svjetiljka / *Surface/suspended asymmetric luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 cijevi  
**Odasijač:** asimetričan iz oksidiranog i anodiziranog aluminija čistoće 99,85%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stažnje strane svjetiljke  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

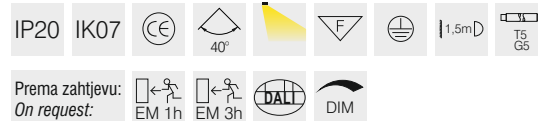
**Light source:** fluorescent T5 tubes

**Reflector:** asymmetric oxidized and anodized aluminium with 99,85% purity

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.      | W     | K     | V    | A x B x H   | kg  |
|-----------|-------|-------|------|-------------|-----|
| <b>T5</b> |       |       |      |             |     |
| 4113128   | 1x28W | 3K/4K | 230V | 1210x250x90 | 6,3 |
| 4113154   | 1x54W | 3K/4K | 230V | 1210x250x90 | 6,3 |
| 4113135   | 1x35W | 3K/4K | 230V | 1510x250x90 | 7,8 |
| 4113149   | 1x49W | 3K/4K | 230V | 1510x250x90 | 7,8 |
| 4113180   | 1x80W | 3K/4K | 230V | 1510x250x90 | 7,8 |
| 4113228   | 2x28W | 3K/4K | 230V | 1210x250x90 | 6,5 |
| 4113254   | 2x54W | 3K/4K | 230V | 1210x250x90 | 6,5 |
| 4113235   | 2x35W | 3K/4K | 230V | 1510x250x90 | 8,0 |
| 4113249   | 2x49W | 3K/4K | 230V | 1510x250x90 | 8,0 |
| 4113280   | 2x80W | 3K/4K | 230V | 1510x250x90 | 8,0 |



Sajla za vješanje L=1500mm  
Hanging wire L=1500mm

**art. 285**



Ukрасna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm

**art. 297**



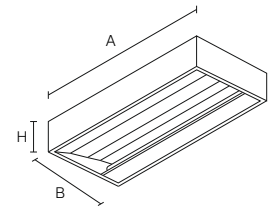
Linijski spoj  
Linear connector

**art. 800**

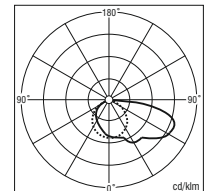


Zidni nosač  
Wall carrier

**art. 830**



WALLWASHER art. 4113128



# Wallwasher UG

Ugradna asimetrična **LED** svjetiljka / *Recessed asymmetric **LED** luminaire*



**Kućiste:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEL A++

**Odasiyač:** asimetričan iz oksidiranog i anodiziranog aluminiya čistoće 99,85%

**Montaža:** naslanjanjem na strukturu stropa / držačima kroz otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stažnje strane svjetiljke

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEL A++

**Reflector:** asymmetric oxidized and anodized aluminium with 99,85% purity

**Mounting:** leaning on the ceiling structure / with holders through the opening

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP20

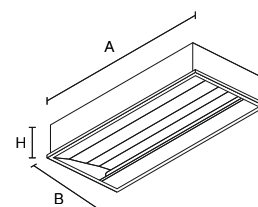
IK07



Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm         | A x B x H   |         | kg  |
|------------|-------|-------|------|------------|-------------|---------|-----|
| <b>LED</b> |       |       |      |            |             |         |     |
| 1042711    | 16,0W | 3K/4K | 230V | 2560/2670  | 595x100x80  | 575x85  | 0,9 |
| 1042712    | 24,0W | 3K/4K | 230V | 3810/4000  | 595x100x80  | 575x85  | 0,9 |
| 1042721    | 32,0W | 3K/4K | 230V | 5120/5340  | 1195x100x80 | 1175x85 | 1,8 |
| 1042722    | 48,0W | 3K/4K | 230V | 7620/8000  | 1195x100x80 | 1175x85 | 1,8 |
| 1042731    | 40,0W | 3K/4K | 230V | 6400/6680  | 1495x100x80 | 1475x85 | 2,7 |
| 1042732    | 60,0W | 3K/4K | 230V | 9530/10000 | 1495x100x80 | 1475x85 | 2,7 |

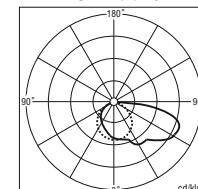


Linijski spoj  
Linear connector  
**art. 800**



Pojačanje otvora za montažu  
Reinforcement of openings for mounting  
**art. 427** - L=600mm  
**art. 428** - L=1300mm  
**art. 429** - L=1600mm

WALLWASHER art. 1042721



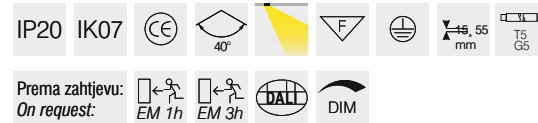
# Wallwasher UG

Ugradna asimetrična svjetiljka / *Recessed asymmetric luminaire*

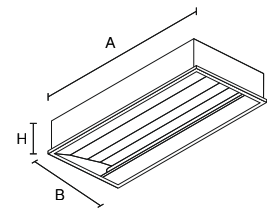


**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 cijevi  
**Odasijač:** asimetričan iz oksidiranog i anodiziranog aluminija čistoće 99,85%  
**Montaža:** naslanjanjem na strukturu stropa / držačima kroz otvor  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stažnje strane svjetiljke  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** fluorescent T5 tubes  
**Reflector:** asymmetric oxidized and anodized aluminium with 99,85% purity  
**Mounting:** leaning on the ceiling structure / with holders through the opening  
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.      | W     | K     | V    | A x B x H   |  | kg  |
|-----------|-------|-------|------|-------------|-------------------------------------------------------------------------------------|-----|
| <b>T5</b> |       |       |      |             |                                                                                     |     |
| 1042114   | 1x14W | 3K/4K | 230V | 595x100x80  | 575x85                                                                              | 0,9 |
| 1042124   | 1x24W | 3K/4K | 230V | 595x100x80  | 575x85                                                                              | 0,9 |
| 1042128   | 1x28W | 3K/4K | 230V | 1195x100x80 | 1175x85                                                                             | 1,8 |
| 1042154   | 1x54W | 3K/4K | 230V | 1195x100x80 | 1175x85                                                                             | 1,8 |
| 1042135   | 1x35W | 3K/4K | 230V | 1495x100x80 | 1475x85                                                                             | 2,7 |
| 1042149   | 1x49W | 3K/4K | 230V | 1495x100x80 | 1475x85                                                                             | 2,7 |
| 1042180   | 1x80W | 3K/4K | 230V | 1495x100x80 | 1475x85                                                                             | 2,7 |

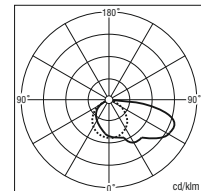


Linijski spoj  
 Linear connector  
**art. 800**



Pojačanje otvora za montažu  
 Reinforcement of openings for mounting  
**art. 427** - L = 600mm  
**art. 428** - L = 1300mm  
**art. 429** - L = 1600mm

WALLWASHER art. 4113128









# LLP

LLP linija rasvjetnih tijela istodobno pruža izvrsnu učinkovitost i visoku vizualnu udobnost zahvaljujući aluminijskom rasteru s dvostrukom parabolikom.

Svjetiljka savršeno zadovoljava zahtjeve za osvjetljavanje ureda, soba za sastanke i učionica. Upotreba rastera idealno je rješenje za aplikaciju u kojima je potrebna kontrola odsjaja kao na primjer kod rasvjete radnog prostora.

LLP svjetiljka je dostupna i u ugradnoj varijanti za uredske armstrong stropove, jednostavna je za montažu pomoću nosača koji osiguravaju ispravno poravnanje u stropnu rešetku.

*LLP line of luminaires offers in the same time outstanding efficacy and high visual comfort thanks to its double-parabolic aluminium louvre.*

*This luminaire perfectly meets the requirements for the lighting of offices, meeting rooms and classrooms. Louvre attachments are ideal for applications where glare control is required as part of the task lighting.*

*LLP is also available in recessed variant for office armstrong ceilings, easy to install accurately in the ceiling grid with brackets to ensure correct alignment.*

## NAMJENA / USAGE







# LN LLP

Nadgradna/viseća LED / fluorescentna svjetiljka / Surface/suspended LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

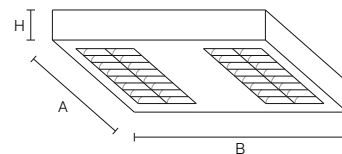


Prema zahtjevu:

On request:



| Art.       | W     | K     | V    | lm        | A x B x H   | kg   |
|------------|-------|-------|------|-----------|-------------|------|
| <b>LED</b> |       |       |      |           |             |      |
| 1001721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1210x230x60 | 4,7  |
| 1001722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1210x230x60 | 4,7  |
| 1001741    | 33,6W | 3K/4K | 230V | 5600/5840 | 610x610x60  | 5,4  |
| 1001742    | 48,0W | 3K/4K | 230V | 7680/8000 | 610x610x60  | 5,4  |
| <b>T5</b>  |       |       |      |           |             |      |
| 1001414    | 4x14W | 3K/4K | 230V |           | 610x610x60  | 5,4  |
| 1001424    | 4x24W | 3K/4K | 230V |           | 610x610x60  | 5,4  |
| 1001428    | 4x28W | 3K/4K | 230V |           | 1220x610x60 | 10,8 |
| 1001454    | 4x54W | 3K/4K | 230V |           | 1220x610x60 | 10,8 |



Sajla za vješanje L=1500mm

Hanging wire l=1500mm

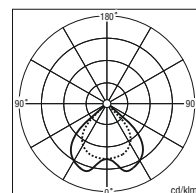
art. 285



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm

art. 297

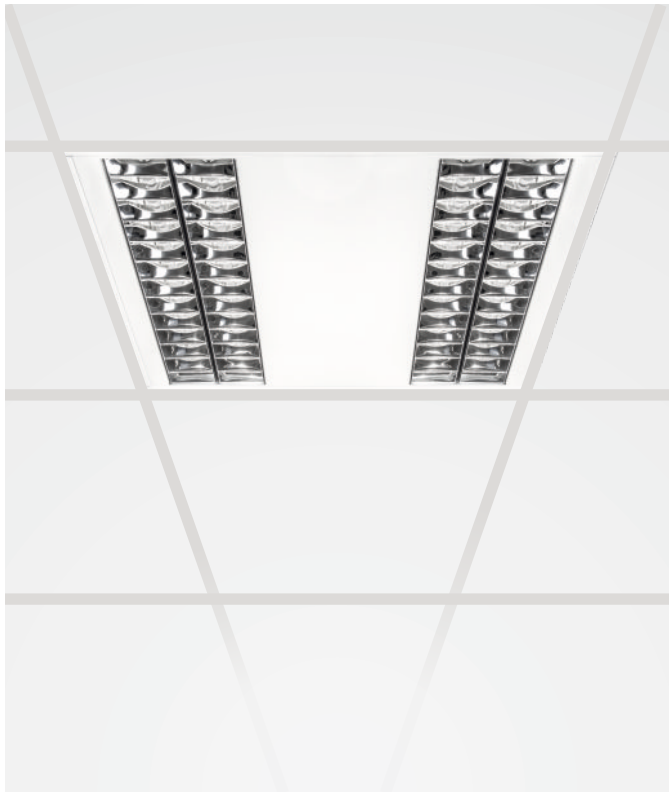
LN LLP art. 1001741





# UG LLP

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućiste:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućiste  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi  
**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes  
**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by demounting the louvre  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP20

IK07

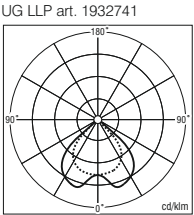
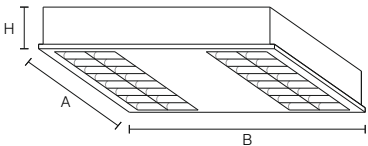
LED

Prema zahtjevu:  
On request:

EM 1h

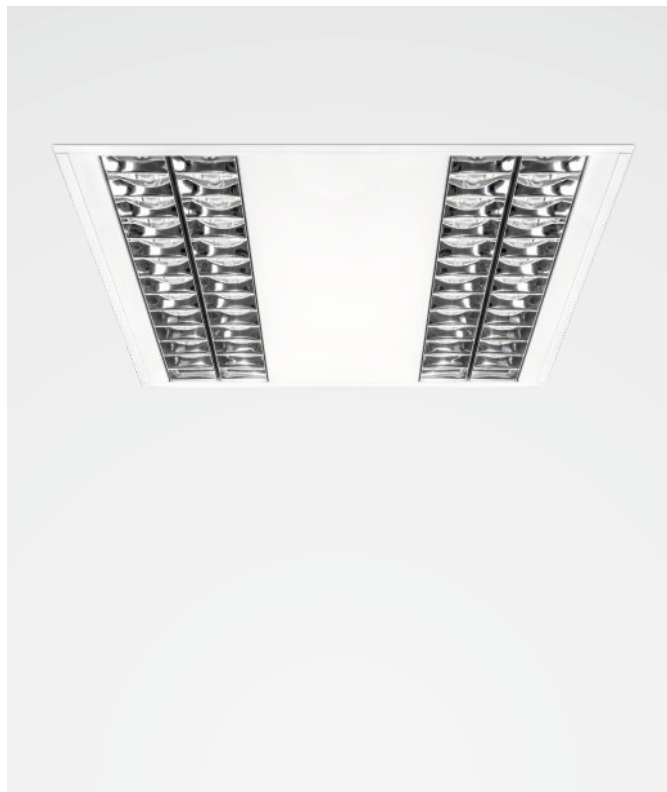
EM 3h

| Art.    | W     | K     | V    | lm        | A x B x H  |         | kg  |
|---------|-------|-------|------|-----------|------------|---------|-----|
| LED     |       |       |      |           |            |         |     |
| 1932741 | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x60 | 575x575 | 5,0 |
| 1932742 | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x60 | 575x575 | 5,0 |
| T5      |       |       |      |           |            |         |     |
| 1932314 | 3x14W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,0 |
| 1932414 | 4x14W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,0 |
| 1932324 | 3x24W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,0 |
| 1932424 | 4x24W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,0 |



# UGR LLP

Ugradna **LED** / fluorescentna svjetiljka / *Recessed **LED** / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Raster:** LLP mikrozrcalni sa dvostrukom mikroparabolikom, uzdužne i poprečne aluminijske lamele čistoće 99,9%

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Louvre:** LLP micro-mirror with double microparabolic, lengthwise and transverse lamellas in 99,9% pure aluminium

**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

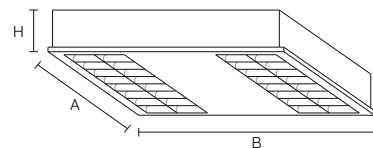


Prema zahtjevu:

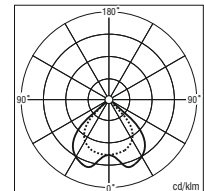
On request:



| Art.       | W     | K     | V    | lm        | A x B x H   |          | kg  |
|------------|-------|-------|------|-----------|-------------|----------|-----|
| <b>LED</b> |       |       |      |           |             |          |     |
| 1902711    | 12,0W | 3K/4K | 230V | 1920/2000 | 595x100x60  | 575x80   | 1,2 |
| 1902712    | 24,0W | 3K/4K | 230V | 3840/4000 | 1195x100x60 | 1175x80  | 2,2 |
| 1902721    | 24,0W | 3K/4K | 230V | 3840/4000 | 595x235x60  | 575x215  | 2,5 |
| 1902722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1195x235x60 | 1175x215 | 4,8 |
| 1902741    | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x60  | 575x575  | 5,0 |
| 1902742    | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x60  | 575x575  | 5,0 |
| <b>T5</b>  |       |       |      |           |             |          |     |
| 1902114    | 1x14W | 3K/4K | 230V |           | 595x100x80  | 575x80   | 1,2 |
| 1902128    | 1x28W | 3K/4K | 230V |           | 1195x100x80 | 1175x80  | 2,2 |
| 1902214    | 2x14W | 3K/4K | 230V |           | 595x235x60  | 575x275  | 2,5 |
| 1902228    | 2x28W | 3K/4K | 230V |           | 1195x235x60 | 1175x275 | 4,8 |
| 1902414    | 4x14W | 3K/4K | 230V |           | 595x595x60  | 575x575  | 5,0 |
| 1902424    | 4x24W | 3K/4K | 230V |           | 595x595x60  | 575x575  | 5,0 |



UGR LLP art. 1902214









# PAR-B

Tijelo svjetiljke je od čeličnog lima visoke čvrstoće, nenametljivih i jednostavnih linija s paraboličnim PAR-B rasterom od 99,8% čistog aluminija. Omogućuje visoku razinu osvjettljenja istovremeno pružajući nisku razinu blještavila. PAR-B je dostupna u nadgradnoj, visećoj i ugradnoj varijanti, također u ugradnoj varijanti za uredske armstrong stropove. Ovaj proizvod pruža izvrsnu vizualnu udobnost za radni prostor, okruženje s prisutnošću video terminala i urede.

*The luminaire consists of a clear and minimalistic sheet steel body with a parabolic PAR-B louvre made from 99,8% pure aluminium. It gives a high level of illumination and at the same time a low glare emission.*

*PAR-B is available in surface mounted, suspended and recessed variant, but also in recessed variant for office armstrong ceilings. This product provides excellent visual comfort for workplaces, VDU workstations and in offices.*

## NAMJENA / USAGE





# LN PAR-B

Nadgradna/viseća LED svjetiljka / Surface/suspended LED luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++;  
**Raster:** parabolični PAR-B raster iz zrcalnog aluminija čistoće 99,8%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

*Housing: steel sheet-metal, electrically punctured and covered with thermal epoxy colour*  
*Standard colour: white*  
*Power: 230V/50Hz*  
*Supply unit: built in the housing*  
*Light source: new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++*  
*Louvre: parabolic PAR-B louvre made from 99,8% pure aluminium*  
*Mounting: with screws to the ceiling / hanging on steel suspension wires*  
*Connecting: connection clamps and all other electronic components are available by demounting the louvre*  
*On request: emergency light, regulation unit DALI, DIM (see ordering instructions)*

IP20

IK07

Prema zahtjevu:

On request:

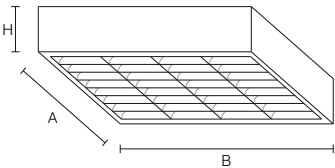
EM 1h

EM 3h

DALI

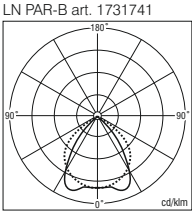
DIM

| Art.    | W     | K     | V    | lm        | A x B x H   | kg  |
|---------|-------|-------|------|-----------|-------------|-----|
| LED     |       |       |      |           |             |     |
| 1731721 | 33,6W | 3K/4K | 230V | 5600/5840 | 1250x295x90 | 5,4 |
| 1731722 | 48,0W | 3K/4K | 230V | 7680/8000 | 1250x295x90 | 5,4 |
| 1731741 | 33,6W | 3K/4K | 230V | 5600/5840 | 610x610x90  | 5,2 |
| 1731742 | 48,0W | 3K/4K | 230V | 7680/8000 | 610x610x90  | 5,2 |



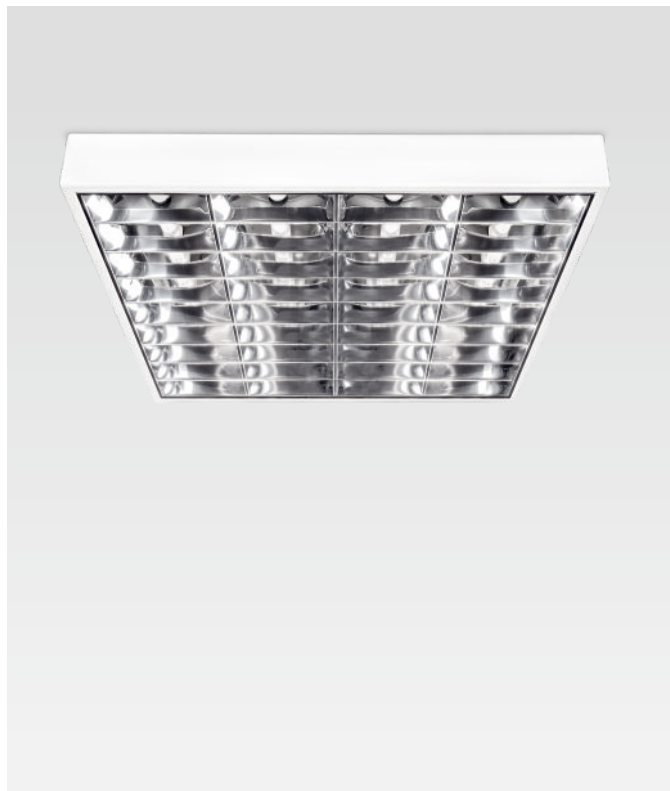
Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 285**

Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**



# LN PAR-B

Nadgradna/viseća fluorescentna svjetiljka / *Surface/suspended fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 i T8 cijevi  
**Raster:** parabolični PAR-B raster iz zrcalnog aluminija čistoće 99,8%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

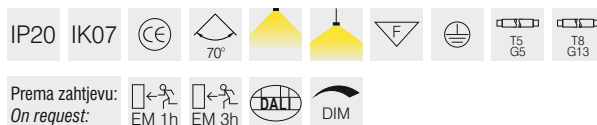
**Light source:** fluorescent T5 and T8 tubes

**Louvre:** parabolic PAR-B louvre made from 99,8% pure aluminium

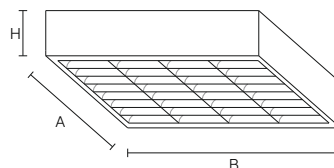
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.      | W     | K     | V    | A x B x H   | kg  |
|-----------|-------|-------|------|-------------|-----|
| <b>T5</b> |       |       |      |             |     |
| 1731414   | 4x14W | 3K/4K | 230V | 640x610x90  | 5,3 |
| 1731228   | 2x28W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1731849   | 2x54W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1731235   | 2x35W | 3K/4K | 230V | 1550x295x90 | 7,1 |
| 1731249   | 2x49W | 3K/4K | 230V | 1550x295x90 | 7,1 |
| <b>T8</b> |       |       |      |             |     |
| 1731418   | 4x18W | 3K/4K | 230V | 640x610x90  | 5,3 |
| 1731236   | 2x36W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1731258   | 2x58W | 3K/4K | 230V | 1550x295x60 | 7,1 |

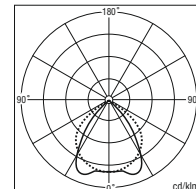


Sajla za vješanje L=1500mm  
*Hanging wire l=1500mm*  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
*Decorative box with decorative transparent cable L=1500mm*  
**art. 297**

LN PAR-B art. 1731418



# UG PAR-B

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućiste:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+ +; fluorescentne T5 i T8 cijevi  
**Raster:** parabolični PAR-B raster iz zrcalnog aluminija čistoće 99,8%  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+ +; fluorescent T5 and T8 tubes  
**Louvre:** parabolic PAR-B louvre made from 99,8% pure aluminium  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by demounting the louvre  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

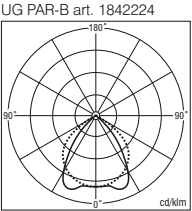
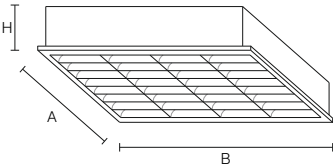
IP20

IK07

LED

Prema zahtjevu:  
On request:

| Art.    | W     | K     | V    | lm        | A x B x H  |         | kg  |
|---------|-------|-------|------|-----------|------------|---------|-----|
| LED     |       |       |      |           |            |         |     |
| 1792741 | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x90 | 575x575 | 5,0 |
| 1792742 | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x90 | 575x575 | 5,0 |
| T5      |       |       |      |           |            |         |     |
| 1792414 | 4x14W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |
| 1792424 | 4x24W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |
| T8      |       |       |      |           |            |         |     |
| 1792418 | 4x18W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |



# UGR PAR-B

Ugradna **LED** / fluorescentna svjetiljka / *Recessed LED / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 i T8 cijevi

**Raster:** parabolični PAR-B raster iz zrcalnog aluminija čistoće 99,8%

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 and T8 tubes

**Louvre:** parabolic PAR-B louvre made from 99,8% pure aluminium

**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

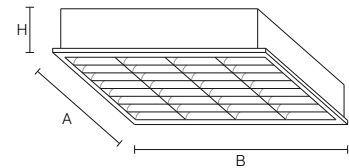
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



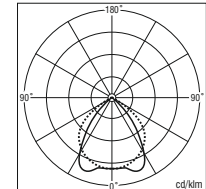
Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm        | A x B x H   |          | kg  |
|------------|-------|-------|------|-----------|-------------|----------|-----|
| <b>LED</b> |       |       |      |           |             |          |     |
| 1802721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1195x295x90 | 1175x275 | 5,1 |
| 1802722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1195x295x90 | 1175x575 | 5,1 |
| 1802741    | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x90  | 575x575  | 5,0 |
| 1802742    | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x90  | 575x575  | 5,0 |
| <b>T5</b>  |       |       |      |           |             |          |     |
| 1802228    | 2x28W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 5,1 |
| 1802254    | 2x54W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 5,1 |
| 1802235    | 2x35W | 3K/4K | 230V |           | 1495x295x90 | 1475x275 | 6,3 |
| 1802249    | 2x49W | 3K/4K | 230V |           | 1495x295x90 | 1475x275 | 6,3 |
| 1802414    | 4x14W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 5,0 |
| 1802424    | 4x24W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 5,0 |
| <b>T8</b>  |       |       |      |           |             |          |     |
| 1802218    | 2x18W | 3K/4K | 230V |           | 595x295x90  | 575x275  | 2,9 |
| 1802236    | 2x36W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 5,1 |
| 1802258    | 2x58W | 3K/4K | 230V |           | 1495x295x90 | 1475x275 | 6,3 |
| 1802418    | 4x18W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 5,0 |



UGR PAR-B art. 1792741









# LLL

Radni prostor traži specifično idejno rješenje rasvjete koje ispunjava visoke tehničke zahtjeve istovremeno stvarajući ugodno raspoloženje i izgledom se uklapa u dizajnirani interijer prostora. LLL serija svjetiljaka je osmišljena da zadovolji te izazove, isto tako utječe na smanjenje umora zaposlenika na radnom mjestu i time povećava njihovu učinkovitost. Svjetiljke su opremljene s fluo T5 cijevima, T8 cijevima i s visokokvalitetnim LED izvorom koji ima vrlo dug vijek rada i izrazito je energetski učinkovit.

*A work space requires a specific lighting solution designed to meet the functional requirements while creating a positive mood as well as compliment the office design. LLL series of luminaires are designed to meet these challenges, they will also help reduce employee fatigue in the workplace and increase work efficiency. The luminaires are fitted with fluo T5 tubes, T8 tubes and with high-quality LED light sources that are very long-lasting and extremely energy-efficient.*

## NAMJENA / USAGE



# LN LLL

Nadgradna/viseća LED svjetiljka / Surface/suspended LED luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Raster:** sjajni LLL raster sa uzdužnim sjajnim aluminijskim preanodiziranim V lamelama čistoće 99,8%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Louvre:** polished LLL louvre made from lengthwise polished pre-anodized lamellas, with 99,8% pure aluminium  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**Connecting:** connection clamps and all other electronic components are available by demounting the louvre  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP20

IK07

LED

Prema zahtjevu:

On request:

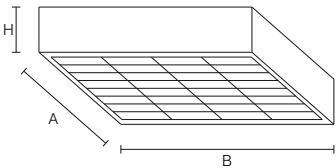
EM 1h

EM 3h

DALI

DIM

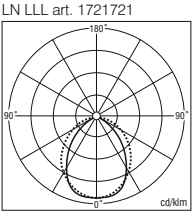
| Art.    | W     | K     | V    | lm        | A x B x H   | kg  |
|---------|-------|-------|------|-----------|-------------|-----|
| LED     |       |       |      |           |             |     |
| 1721721 | 33,6W | 3K/4K | 230V | 5600/5840 | 1250x295x90 | 5,4 |
| 1721722 | 48,0W | 3K/4K | 230V | 7680/8000 | 1250x295x90 | 5,4 |
| 1721741 | 33,6W | 3K/4K | 230V | 5600/5840 | 610x610x90  | 5,2 |
| 1721742 | 48,0W | 3K/4K | 230V | 7680/8000 | 610x610x90  | 5,2 |



Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabeom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**





**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** fluorescentne T5 i T8 cijevi  
**Raster:** sjajni LLL raster sa uzdužnim sjajnim aluminijским preanodiziranim V lamelama čistoće 99,8%  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

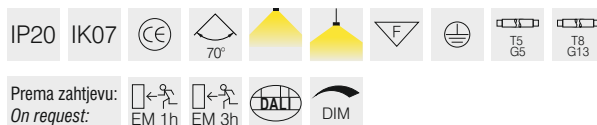
**Light source:** fluorescent T5 and T8 tubes

**Louvre:** polished LLL louvre made from lengthwise polished pre-anodized lamellas, with 99,8% pure aluminium

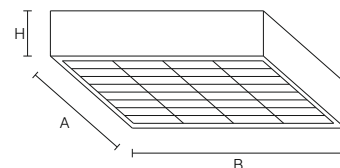
**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.      | W     | K     | V    | A x B x H   | kg  |
|-----------|-------|-------|------|-------------|-----|
| <b>T5</b> |       |       |      |             |     |
| 1721414   | 4x14W | 3K/4K | 230V | 640x610x90  | 5,3 |
| 1721228   | 2x28W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1721254   | 2x54W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1721235   | 2x35W | 3K/4K | 230V | 1550x295x90 | 7,1 |
| 1721249   | 2x49W | 3K/4K | 230V | 1550x295x90 | 7,1 |
| <b>T8</b> |       |       |      |             |     |
| 1721418   | 4x18W | 3K/4K | 230V | 640x610x90  | 5,3 |
| 1721236   | 2x36W | 3K/4K | 230V | 1250x295x90 | 5,5 |
| 1721258   | 2x58W | 3K/4K | 230V | 1550x295x60 | 7,1 |

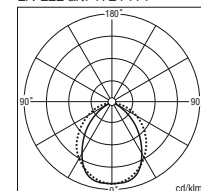


Sajla za vješanje L=1500mm  
Hanging wire L=1500mm  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**

LN LLL art. 1721414





# UG LLL

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućiste:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 i T8 cijevi  
**Raster:** sjajni LLL raster sa uzdužnim sjajnim aluminijskim preanodiziranim V lamelama čistoće 99,8%  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 and T8 tubes  
**Louvre:** polished LLL louvre made from lengthwise polished pre-anodized lamellas, with 99,8% pure aluminium  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by demounting the louvre  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP20

IK07

LED

Prema zahtjevu:

On request:

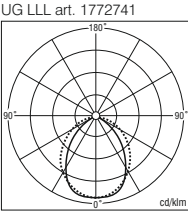
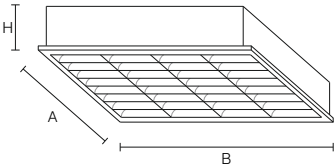
EM 1h

EM 3h

DALI

DIM

| Art.    | W     | K     | V    | lm        | A x B x H  |         | kg  |
|---------|-------|-------|------|-----------|------------|---------|-----|
| LED     |       |       |      |           |            |         |     |
| 1772741 | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x90 | 575x575 | 5,0 |
| 1772742 | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x90 | 575x575 | 5,0 |
| T5      |       |       |      |           |            |         |     |
| 1772414 | 4x14W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |
| 1772424 | 4x24W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |
| T8      |       |       |      |           |            |         |     |
| 1772418 | 4x18W | 3K/4K | 230V |           | 595x595x90 | 575x575 | 5,0 |



# UGR LLL

Ugradna **LED** / fluorescentna svjetiljka / *Recessed LED / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++; fluorescentne T5 i T8 cijevi

**Raster:** sjajni LLL raster sa uzdužnim sjajnim aluminijskim preanodiziranim V lamelama čistoće 99,8%

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** skidanjem rastera dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

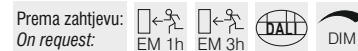
LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++; fluorescent T5 and T8 tubes

**Louvre:** polished LLL louvre made from lengthwise polished pre-anodized lamellas, with 99,8% pure aluminium

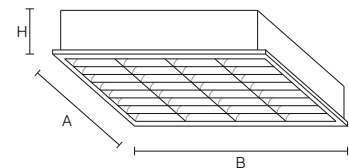
**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by demounting the louvre

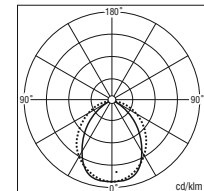
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | Im        | A x B x H   |  | kg  |
|------------|-------|-------|------|-----------|-------------|-------------------------------------------------------------------------------------|-----|
| <b>LED</b> |       |       |      |           |             |                                                                                     |     |
| 1782721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1195x295x90 | 1175x275                                                                            | 5,1 |
| 1782722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1195x295x90 | 1175x575                                                                            | 5,1 |
| 1782741    | 33,6W | 3K/4K | 230V | 5600/5840 | 595x595x90  | 575x575                                                                             | 5,0 |
| 1782742    | 48,0W | 3K/4K | 230V | 7680/8000 | 595x595x90  | 575x575                                                                             | 5,0 |
| <b>T5</b>  |       |       |      |           |             |                                                                                     |     |
| 1782228    | 2x28W | 3K/4K | 230V |           | 1195x295x90 | 1175x275                                                                            | 5,1 |
| 1782254    | 2x54W | 3K/4K | 230V |           | 1195x295x90 | 1175x275                                                                            | 5,1 |
| 1782235    | 2x35W | 3K/4K | 230V |           | 1495x295x90 | 1475x275                                                                            | 6,3 |
| 1782249    | 2x49W | 3K/4K | 230V |           | 1495x295x90 | 1475x275                                                                            | 6,3 |
| 1782414    | 4x14W | 3K/4K | 230V |           | 595x595x90  | 575x575                                                                             | 5,0 |
| 1782424    | 4x24W | 3K/4K | 230V |           | 595x595x90  | 575x575                                                                             | 5,0 |
| <b>T8</b>  |       |       |      |           |             |                                                                                     |     |
| 1782218    | 2x18W | 3K/4K | 230V |           | 595x295x90  | 575x275                                                                             | 2,9 |
| 1782236    | 2x36W | 3K/4K | 230V |           | 1195x295x90 | 1175x275                                                                            | 5,1 |
| 1782258    | 2x58W | 3K/4K | 230V |           | 1495x295x90 | 1475x275                                                                            | 6,3 |
| 1782418    | 4x18W | 3K/4K | 230V |           | 595x595x90  | 575x575                                                                             | 5,0 |



UGR LLL art. 1782721







# OP

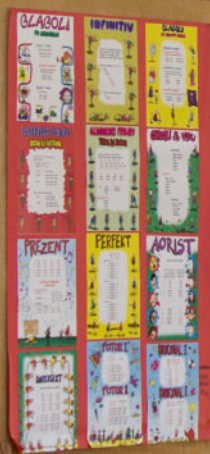
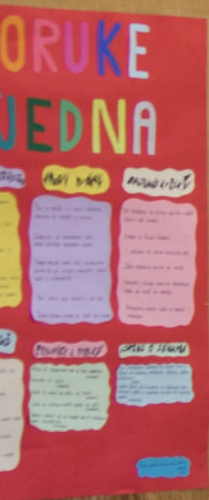
U potrazi za ravnotežom između izvora svjetlosti i arhitektonskog prostora, osmišljena je OP svjetiljka sa čistim i jednostavnim dizajnom. Difuzor od protubljajećeg opalnog polikarbonata homogenog efekta omekšava i jednakomjerno raspršuje svjetlost u interijeru. OP serija svjetiljaka dolaze u standardnoj fluo i LED izvedbi, te u tri različite montažne varijante.

*Clean and simple design of OP luminaire emerges from the search for an equilibrium between the light source and the surrounding architectural space. Anti-glare opal diffuser with homogenous effect "crystal-ice" softens and evenly spreads the light in the interior. OP lines of luminaires are available in standard fluo and LED variant and in three different mounting options.*

## NAMJENA / USAGE







Aa Bb  
Cc Dd  
Ee Ff  
Gg Hh  
Ii Jj  
Kk Ll  
Mm Nn  
Oo Pp  
Qq Rr  
Ss Tt  
Uu Vv  
Ww Xx  
Yy Zz

# LN OP

Nadgradna/viseća LED / fluorescentna svjetiljka / Surface/suspended LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** connection clamps and all other electronic components are available by demounting the diffuser

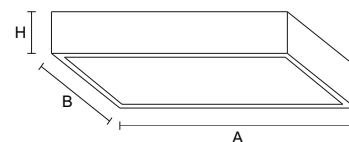
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.       | W     | K     | V    | lm        | A x B x H   | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>LED</b> |       |       |      |           |             |     |
| 1751721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1250x230x60 | 5,6 |
| 1751722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1250x230x60 | 5,6 |
| 1751741    | 30,0W | 3K/4K | 230V | 4960/5280 | 610x610x60  | 5,4 |
| 1751742    | 42,8W | 3K/4K | 230V | 6800/7200 | 610x610x60  | 5,4 |
| <b>T5</b>  |       |       |      |           |             |     |
| 1751414    | 4x14W | 3K/4K | 230V |           | 610x610x60  | 5,4 |
| 1751228    | 2x28W | 3K/4K | 230V |           | 1250x230x60 | 5,6 |
| 1751254    | 2x54W | 3K/4K | 230V |           | 1250x230x60 | 5,6 |
| 1751235    | 2x35W | 3K/4K | 230V |           | 1550x230x60 | 6,5 |
| 1751249    | 2x49W | 3K/4K | 230V |           | 1550x230x60 | 6,5 |



Sajla za vješanje L=1500mm

Hanging wire L=1500mm

art. 285



Ukрасna rozeta s prozirnim

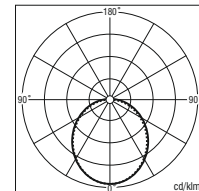
dekorativnim kabelom L=1500mm

Decorative box with decorative

transparent cable L=1500mm

art. 297

LN OP art. 1751741



# UG OP

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi  
**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije “Cristal Ice”  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes  
**Diffuser:** anti-glare “Crystal Ice” opal diffuser with homogenous effect  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by demounting the diffuser  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP44

IK07

CE

90°

F

15, 55 mm

LED

T5 G5

Prema zahtjevu:  
On request:

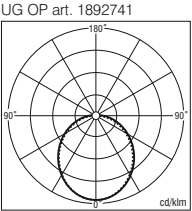
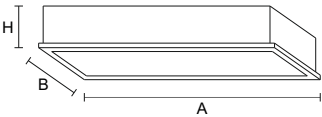
EM 1h

EM 3h

DALI

DIM

| Art.    | W     | K     | V    | lm        | A x B x H  |         | kg  |
|---------|-------|-------|------|-----------|------------|---------|-----|
| LED     |       |       |      |           |            |         |     |
| 1892741 | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x60 | 575x575 | 5,2 |
| 1892742 | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x60 | 575x575 | 5,2 |
| T5      |       |       |      |           |            |         |     |
| 1892414 | 4x14W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,2 |
| 1892424 | 4x24W | 3K/4K | 230V |           | 595x595x60 | 575x575 | 5,2 |



# UGR OP

Ugradna **LED** / fluorescentna svjetiljka / *Recessed LED / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEL A+ +; fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

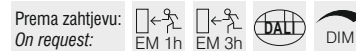
LED min 60.000h L80F50 on Tp=65°C; EEL A+ +; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

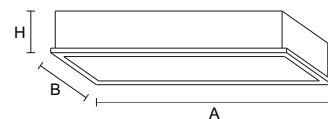
**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by demounting the diffuser

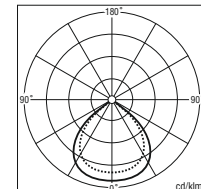
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | A x B x H   |          | kg  |
|------------|-------|-------|------|-----------|-------------|----------|-----|
| <b>LED</b> |       |       |      |           |             |          |     |
| 1922721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1195x235x60 | 1175x215 | 5,0 |
| 1922722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1195x235x60 | 1175x215 | 5,0 |
| 1922741    | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x60  | 575x575  | 5,2 |
| 1922742    | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x60  | 575x575  | 5,2 |
| <b>T5</b>  |       |       |      |           |             |          |     |
| 1922414    | 4x14W | 3K/4K | 230V |           | 595x595x60  | 575x575  | 5,2 |
| 1922228    | 2x28W | 3K/4K | 230V |           | 1195x235x60 | 1175x215 | 5,0 |
| 1922254    | 2X54W | 3K/4K | 230V |           | 1195x235x60 | 1175x215 | 5,0 |
| 1922235    | 2X35W | 3K/4K | 230V |           | 1495x235x60 | 1475x215 | 6,2 |
| 1922249    | 2X49W | 3K/4K | 230V |           | 1495x235x60 | 1475x215 | 6,2 |



UGR OP art. 1922414





ELTOR

# LN PR

LN PR svjetiljku karakterizira mikropiramidalni difuzor koji pruža nisku emisiju odsjaja i pridonosi mekšim prijelazima svjetlosti između različitih površina unutar nekog prostora.

Svjetiljka je energetski vrlo učinkovita zahvaljujući visokim svjetlosnim karakteristikama. Ovaj proizvod idealan je izbor za osvjetljavanje ureda, sala, radnih prostora, škola itd.

*LN PR luminaire is characterized by its micropyramidal diffuser which provides low glare emission and contribute to softer luminance transitions between different surfaces in a room.*

*The luminaire is very energy efficient because of its quality light characteristics. This product is ideal for lighting offices, halls, working spaces, schools etc.*

## NAMJENA / USAGE



# LN PR

Nadgradna/viseća LED / fluorescentna svjetiljka / Surface/suspended LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEL A++; fluorescentne T5 cijevi  
**Difuzor:** protubljesteći opalni difuzor s mikropiramidalnom optikom  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** skidanjem difuzora dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)  
**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEL A++; fluorescent T5 tubes  
**Diffuser:** anti-glare opal diffuser with micro-pyramidal optics  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**Connecting:** connection clamps and all other electronic components are available by demounting the diffuser  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

IP44

IK07

CE

90°

LED

T5

Prema zahtjevu:

On request:

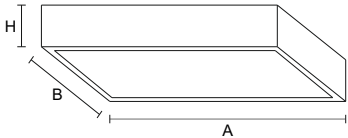
EM 1h

EM 3h

DALI

DIM

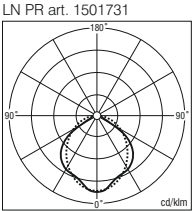
| Art.       | W     | K     | V    | lm        | A x B x H   | kg  |
|------------|-------|-------|------|-----------|-------------|-----|
| <b>LED</b> |       |       |      |           |             |     |
| 1501721    | 33,6W | 3K/4K | 230V | 5600/5840 | 1250x230x60 | 5,6 |
| 1501722    | 48,0W | 3K/4K | 230V | 7680/8000 | 1250x230x60 | 5,6 |
| 1501741    | 30,0W | 3K/4K | 230V | 4960/5280 | 610x610x60  | 5,4 |
| 1501742    | 42,8W | 3K/4K | 230V | 6800/7200 | 610x610x60  | 5,4 |
| <b>T5</b>  |       |       |      |           |             |     |
| 1501414    | 4x14W | 3K/4K | 230V |           | 610x610x60  | 5,4 |
| 1501228    | 2x28W | 3K/4K | 230V |           | 1250x230x60 | 5,6 |
| 1501254    | 2x54W | 3K/4K | 230V |           | 1250x230x60 | 5,6 |
| 1501235    | 2x35W | 3K/4K | 230V |           | 1550x230x60 | 6,5 |
| 1501249    | 2x49W | 3K/4K | 230V |           | 1550x230x60 | 6,5 |



Sajla za vješanje L=1500mm  
Hanging wire l=1500mm  
**art. 285**



Ukrasna rozeta s prozirnim dekorativnim kabelom L=1500mm  
Decorative box with decorative transparent cable L=1500mm  
**art. 297**





# UP SPACE

Up Space svjetiljka visokih preformansi za poslovne objekte koji se žele isticati.

Minimalistički dizajn Up Space sa Mikroprizmatičnim difuzorom 1000 crta posebno raspoređenim unutar svjetiljke daje visoki vizualni efekt. Up Space balansira minimalistički dizajn i energetska učinkovitost što osigurava idealne uvjete osvjetljenja i uravnoteženi omjer kontrasta. Mekano svjetlo koje daje posebno dizajnirani Mikroprizmatični difuzor 1000 crta idealno je za uredsku rasvjetu kako bi se spriječila refleksija na kompjuterskim zaslonima i radnim površinama.

Up Space uravnoteženim svjetlom stvara ugodnu i radnu atmosferu.

*Up Space light with high performance for commercial buildings who want to stand out.*

*The minimalist design of the Up Space with Microprizmatc diffuser 1000 line specifically arranged inside the lamp provides high visual effect. Up Space balances energy with minimalist design and performance which provides an ideal setting brightness and contrast ratio. Soft light that gives a specially designed Microprizmatc diffuser 1000 line is ideal for office lighting to avoid reflections on computer-aided screens and desktops (working area, table).*

*Up Space with balanced light creates a pleasant working atmosphere.*

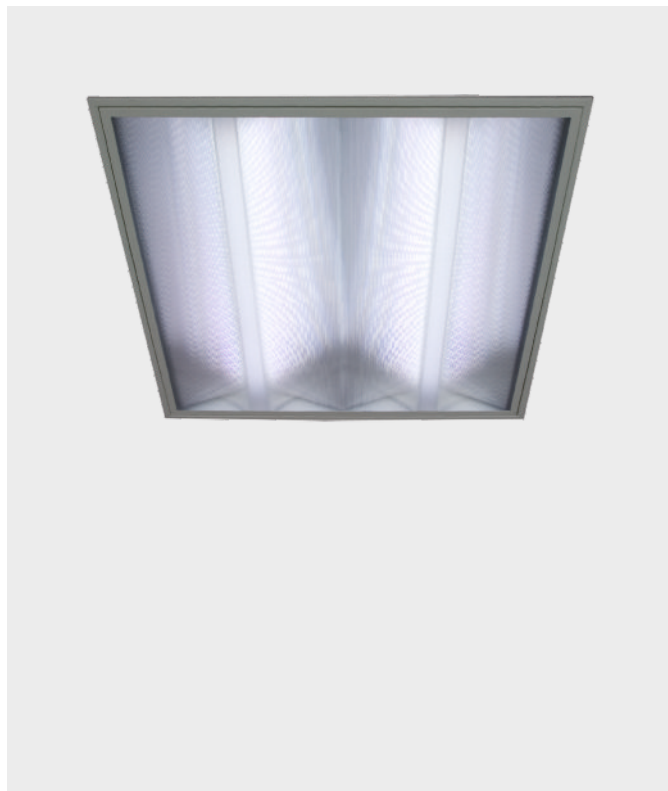
## NAMJENA / USAGE





# Up Space

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi  
**Difuzor:** protubljesteći višeslojni difuzor, tehnologije Microprismatic 1000 crta  
**Montaža:** držačima kroz otvor / naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

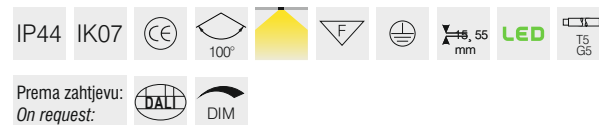
LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Diffuser:** microprismatic 1000 lines diffusive multilayered antiglare diffuser

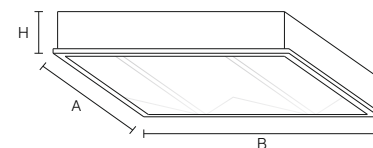
**Mounting:** with holders through the opening / leaning on Armstrong ceiling structure

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

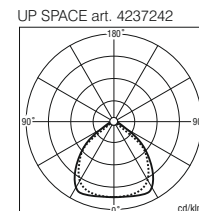
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | A x B x H   |          | kg  |
|------------|-------|-------|------|-----------|-------------|----------|-----|
| <b>LED</b> |       |       |      |           |             |          |     |
| 4237241    | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x65  | 575x575  | 5,0 |
| 4237242    | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x65  | 575x575  | 5,0 |
| 4237221    | 30,0W | 3K/4K | 230V | 4960/5280 | 1195x295x65 | 1175x275 | 4,9 |
| 4237222    | 42,8W | 3K/4K | 230V | 6800/7200 | 1195x295x65 | 1175x275 | 4,9 |
| <b>T5</b>  |       |       |      |           |             |          |     |
| 4232214    | 2x14W | 3K/4K | 230V |           | 595x595x65  | 575x575  | 5,0 |
| 4232224    | 2x24W | 3K/4K | 230V |           | 595x595x65  | 575x575  | 5,0 |
| 4232228    | 2x28W | 3K/4K | 230V |           | 1195x295x65 | 1175x275 | 4,9 |
| 4232254    | 2x54W | 3K/4K | 230V |           | 1195x295x65 | 1175x275 | 4,9 |
| 4232235    | 2x35W | 3K/4K | 230V |           | 1495x295x65 | 1475x275 | 6,8 |
| 4232249    | 2x49W | 3K/4K | 230V |           | 1495x295x65 | 1475x275 | 6,8 |



- Nosač za montažu svjetiljke u knauf strop (4 kom)  
 Bracket for installation in plaster ceiling (4 pcs)  
**art. 406**
- Blokirni nosač za učvršćivanje svjetiljke u otvor Armstrong stropa  
 Blocking bracket for lamp fixture in Armstrong opening  
**art. 407**
- Pojačanje otvora za montažu  
 Reinforcement of openings for mounting  
**art. 427** - L=600mm  
**art. 428** - L=1300mm  
**art. 429** - L=1600mm







# Area

Ugradna svjetiljka za nježnu rasvjetu sa direkt-indirektnom emisijom svjetla. Miropriзматична optika 1000 crta svojim karakteristikama povećava svjetlosnu učinkovitost i daje nježno osvjetljenje identično dnevnom svjetlu. Osvjetljavanje prostora Area svjetiljkom je ugodno i oku prihvatljivo. Zbog visokih svjetlosnih karakteristika svjetiljka je energetske vrlo prihvatljiva (A) te pogodna za osvjetljavanje ureda, sala, radnih prostora, škola...

*Recessed luminaire ideal for soft illumination with direct/indirect light emission. Microprismatic optics with "1000 lines" technology enhances light efficiency and generates a soft light identical to daylight.*

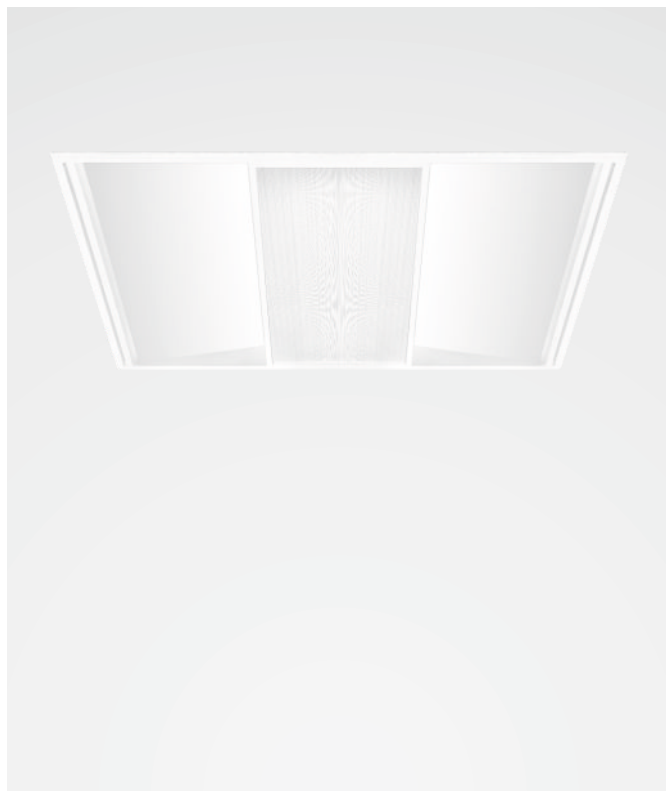
*Spaces illuminated with Area lights become eye pleasant and relaxing. Because of its quality light characteristics the luminaire is very energy efficient (A) and ideal for lighting offices, halls, working spaces, schools etc.*

## NAMJENA / USAGE



# Area

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan termoeпокsidnom bojom

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 i dulux L cijevi

**Difuzor:** protubješteći višeslojni difuzor, tehnologije Microprismatic 1000 crta

**Montaža:** držačima kroz otvor / naslanjanjem na strukturu Armstrong stropa

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy colour

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 and Dulux L tubes

**Diffuser:** microprismatic 1000 lines diffusive multilayered antiglare diffuser

**Mounting:** with holders through the opening / leaning on Armstrong ceiling structure

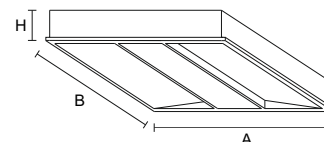
**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

**On request:** regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu:  
On request: DALI DIM

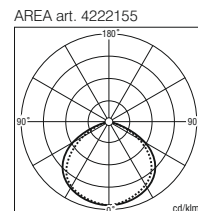
| Art.        | W     | K     | V    | lm        | A x B x H   |         | kg  |
|-------------|-------|-------|------|-----------|-------------|---------|-----|
| <b>LED</b>  |       |       |      |           |             |         |     |
| 4222711     | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x105 | 575x575 | 5,0 |
| 4222712     | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x105 | 575x575 | 5,0 |
| <b>T5</b>   |       |       |      |           |             |         |     |
| 4222214     | 2x14W | 3K/4K | 230V |           | 595x595x105 | 575x575 | 5,0 |
| 4222224     | 2x24W | 3K/4K | 230V |           | 595x595x105 | 575x575 | 5,0 |
| <b>TC-L</b> |       |       |      |           |             |         |     |
| 4222155     | 1X55W | 3K/4K | 230V |           | 595x595x105 | 575x575 | 5,0 |
| 4222255     | 2X55W | 3K/4K | 230V |           | 595x595x105 | 575x575 | 5,0 |



Komplet pribor za montažu  
svjetiljke  
Lamp installation set of  
accessories  
**art. 408**



Pojačanje otvora za montažu  
Reinforcement of openings  
for mounting  
**art. 427** - L=600mm







# LN KL IP55

Nadgradna **LED** / fluorescentna svjetiljka / *Surface mounted **LED** / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Difuzor:** protublješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop

**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

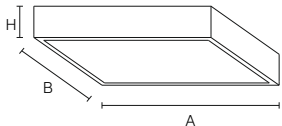
**Mounting:** with screws to the ceiling

**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system

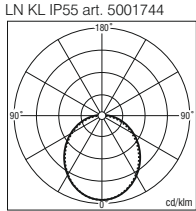
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | A x B x H   | kg   |
|------------|-------|-------|------|-----------|-------------|------|
| <b>LED</b> |       |       |      |           |             |      |
| 5001744    | 30,0W | 3K/4K | 230V | 4960/5280 | 625x625x90  | 8,5  |
| 5001745    | 42,8W | 3K/4K | 230V | 6800/7200 | 625x625x90  | 8,5  |
| <b>T5</b>  |       |       |      |           |             |      |
| 5001214    | 2x14W | 3K/4K | 230V |           | 625x325x90  | 4,8  |
| 5001224    | 2x24W | 3K/4K | 230V |           | 625x325x90  | 4,8  |
| 5001228    | 2x28W | 3K/4K | 230V |           | 1225x325x90 | 8,4  |
| 5001254    | 2X54W | 3K/4K | 230V |           | 1225x325x90 | 8,4  |
| 5001414    | 4x14W | 3K/4K | 230V |           | 625x625x90  | 8,5  |
| 5001424    | 4x24W | 3K/4K | 230V |           | 625x625x90  | 8,5  |
| 5001428    | 4x28W | 3K/4K | 230V |           | 1225x625x90 | 14,2 |
| 5001454    | 4X54W | 3K/4K | 230V |           | 1225x625x90 | 14,2 |



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser  
**art. 603** - 4x14/4x18/4x24W  
**art. 604** - 4x28/4x54





# UG KL IP55

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+ +; fluorescentne T5 cijevi  
**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+ +; fluorescent T5 tubes  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

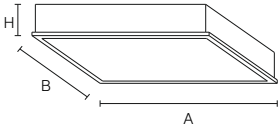
IP55

IK08

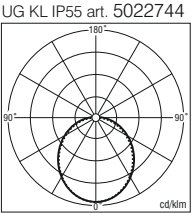
LED

Prema zahtjevu:  
On request:

| Art.    | W     | K     | V    | lm        | A x B x H   |          | kg   |
|---------|-------|-------|------|-----------|-------------|----------|------|
| LED     |       |       |      |           |             |          |      |
| 5022744 | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x90  | 575x575  | 8,1  |
| 5022745 | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x90  | 575x575  | 8,1  |
| 5022746 | 30,0W | 3K/4K | 230V | 4960/5280 | 1195x295x90 | 1175x275 | 8,0  |
| 5022747 | 42,8W | 3K/4K | 230V | 6800/7200 | 1195x295x90 | 1175x275 | 8,0  |
| T5      |       |       |      |           |             |          |      |
| 5022214 | 2x14W | 3K/4K | 230V |           | 595x295x90  | 575x575  | 4,9  |
| 5022224 | 2x24W | 3K/4K | 230V |           | 595x295x90  | 575x575  | 4,9  |
| 5022228 | 2x28W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 8,0  |
| 5022254 | 2x54W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 8,0  |
| 5022414 | 4x14W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 8,1  |
| 5022424 | 4x24W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 8,1  |
| 5022428 | 4x28W | 3K/4K | 230V |           | 1195x595x90 | 1175x575 | 13,7 |
| 5022454 | 4x54W | 3K/4K | 230V |           | 1195x595x90 | 1175x575 | 13,7 |



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser  
**art. 603** - 4x14/4x18/4x24W  
**art. 604** - 4x28/4x54



# UGR KL IP55

Ugradna **LED** / fluorescentna svjetiljka / *Recessed LED / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++; fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

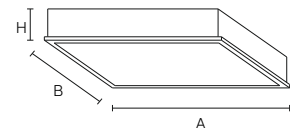
**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system

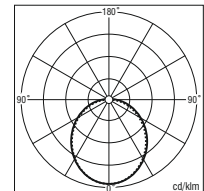
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



Prema zahtjevu: EM 1h, EM 3h, DALI, DIM



UGR KL IP55 art. 5042744



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser

art. 603 - 4x14/4x18/4x24W  
art. 604 - 4x28/4x54

| Art.       | W     | K     | V    | lm        | A x B x H    | kg   |
|------------|-------|-------|------|-----------|--------------|------|
| <b>LED</b> |       |       |      |           |              |      |
| 5042744    | 30,0W | 3K/4K | 230V | 4960/5280 | 600x600x100  | 11,7 |
| 5042745    | 42,8W | 3K/4K | 230V | 6800/7200 | 600x600x100  | 11,7 |
| 5042746    | 30,0W | 3K/4K | 230V | 4960/5280 | 1200x300x100 | 13,7 |
| 5042747    | 42,8W | 3K/4K | 230V | 6800/7200 | 1200x300x100 | 13,7 |
| <b>T5</b>  |       |       |      |           |              |      |
| 5042214    | 2x14W | 3K/4K | 230V |           | 600x300x100  | 8,5  |
| 5042224    | 2x24W | 3K/4K | 230V |           | 600x300x100  | 8,7  |
| 5042228    | 2x28W | 3K/4K | 230V |           | 1200x300x100 | 11,7 |
| 5042254    | 2X54W | 3K/4K | 230V |           | 1200x300x100 | 11,7 |
| 5042414    | 4x14W | 3K/4K | 230V |           | 600x600x100  | 11,4 |
| 5042424    | 4x24W | 3K/4K | 230V |           | 600x600x100  | 11,3 |
| 5042428    | 2x28W | 3K/4K | 230V |           | 1200x600x100 | 14,2 |
| 5042454    | 2X54W | 3K/4K | 230V |           | 1200x600x100 | 14,2 |



# LN KL IP65

Nadgradna **LED** / fluorescentna svjetiljka / *Surface mounted LED / fluorescent luminaire*



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** vijcima na strop

**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

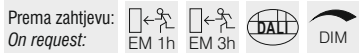
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

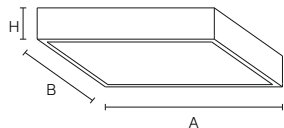
**Mounting:** with screws to the ceiling

**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system

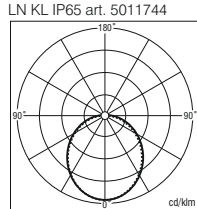
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | A x B x H   | kg   |
|------------|-------|-------|------|-----------|-------------|------|
| <b>LED</b> |       |       |      |           |             |      |
| 5011744    | 30,0W | 3K/4K | 230V | 4960/5280 | 625x625x90  | 8,5  |
| 5011745    | 42,8W | 3K/4K | 230V | 6800/7200 | 625x625x90  | 8,5  |
| <b>T5</b>  |       |       |      |           |             |      |
| 5011214    | 2x14W | 3K/4K | 230V |           | 625x325x90  | 4,8  |
| 5011224    | 2x24W | 3K/4K | 230V |           | 625x325x90  | 4,8  |
| 5011228    | 2x28W | 3K/4K | 230V |           | 1225x325x90 | 8,4  |
| 5011254    | 2x54W | 3K/4K | 230V |           | 1225x325x90 | 8,4  |
| 5011414    | 4x14W | 3K/4K | 230V |           | 625x625x90  | 8,5  |
| 5011424    | 4x24W | 3K/4K | 230V |           | 625x625x90  | 8,5  |
| 5011428    | 4x28W | 3K/4K | 230V |           | 1225x625x90 | 14,2 |
| 5011454    | 4x54W | 3K/4K | 230V |           | 1225x625x90 | 14,2 |



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser  
**art. 603** - 4x14/4x18/4x24W  
**art. 604** - 4x28/4x54





# UG KL IP65

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A+ +; fluorescentne T5 cijevi  
**Difuzor:** protubljesteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"  
**Montaža:** naslanjanjem na strukturu Armstrong stropa  
**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A+ +; fluorescent T5 tubes  
**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect  
**Mounting:** leaning on Armstrong ceiling structure  
**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system  
**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)

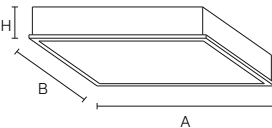
IP65

IK08

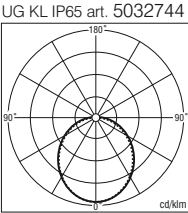
LED

Prema zahtjevu:  
On request:

| Art.    | W     | K     | V    | lm        | A x B x H   |          | kg   |
|---------|-------|-------|------|-----------|-------------|----------|------|
| 5032744 | 30,0W | 3K/4K | 230V | 4960/5280 | 595x595x90  | 575x575  | 8,1  |
| 5032745 | 42,8W | 3K/4K | 230V | 6800/7200 | 595x595x90  | 575x575  | 8,1  |
| 5032746 | 30,0W | 3K/4K | 230V | 4960/5280 | 1195x295x90 | 1175x275 | 8,0  |
| 5032747 | 42,8W | 3K/4K | 230V | 6800/7200 | 1195x295x90 | 1175x275 | 8,0  |
| T5      |       |       |      |           |             |          |      |
| 5032214 | 2x14W | 3K/4K | 230V |           | 595x295x90  | 575x575  | 4,9  |
| 5032224 | 2x24W | 3K/4K | 230V |           | 595x295x90  | 575x575  | 4,9  |
| 5032228 | 2x28W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 8,0  |
| 5032254 | 2x54W | 3K/4K | 230V |           | 1195x295x90 | 1175x275 | 8,0  |
| 5032414 | 4x14W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 8,1  |
| 5032424 | 4x24W | 3K/4K | 230V |           | 595x595x90  | 575x575  | 8,1  |
| 5032428 | 4x28W | 3K/4K | 230V |           | 1195x595x90 | 1175x575 | 13,7 |
| 5032454 | 4x54W | 3K/4K | 230V |           | 1195x595x90 | 1175x575 | 13,7 |



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser  
**art. 603** - 4x14/4x18/4x24W  
**art. 604** - 4x28/4x54



# UGR KL IP65

Ugradna LED / fluorescentna svjetiljka / Recessed LED / fluorescent luminaire



**Kućište:** čelični lim, električki punktiran i obojan UV stabiliziranim epoksidno-poliesternim praškom za sterilne prostore

**Standardna boja:** bijela

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++; fluorescentne T5 cijevi

**Difuzor:** protubješteći opalni polikarbonat homogenog efekta tehnologije "Cristal Ice"

**Montaža:** držačima kroz otvor (pribor za montažu u kompletu)

**Spajanje:** demontažom okvira (click sistem) dostupne su priključne stezaljke i ostale električne komponente

**Prema zahtjevu:** nužna rasvjeta, regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with UV stabilised epoxy-polyester powder for sterile environments

**Standard colour:** white

**Power:** 230V/50Hz

**Supply unit:** built in the housing

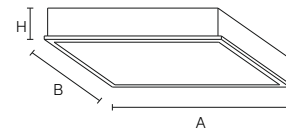
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++; fluorescent T5 tubes

**Diffuser:** anti-glare "Crystal Ice" opal diffuser with homogenous effect

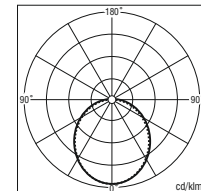
**Mounting:** with holders through the opening (installation tool in the set)

**Connecting:** connection clamps and all other electronic components are available by removing the frame with click system

**On request:** emergency light, regulation unit DALI, DIM (see ordering instructions)



UGR KL IP65 art. 5032744



Difuzor od opalnog kaljenog stakla  
Opal tempered glass diffuser

art. 603 - 4x14/4x18/4x24W  
art. 604 - 4x28/4x54

| Art.       | W     | K     | V    | lm        | A x B x H    |          | kg   |
|------------|-------|-------|------|-----------|--------------|----------|------|
| <b>LED</b> |       |       |      |           |              |          |      |
| 5052744    | 30,0W | 3K/4K | 230V | 4960/5280 | 600x600x100  | 580x580  | 11,7 |
| 5052745    | 42,8W | 3K/4K | 230V | 6800/7200 | 600x600x100  | 580x580  | 11,7 |
| 5052746    | 30,0W | 3K/4K | 230V | 4960/5280 | 1200x300x100 | 1180x280 | 13,7 |
| 5052747    | 42,8W | 3K/4K | 230V | 6800/7200 | 1200x300x100 | 1180x280 | 13,7 |
| <b>T5</b>  |       |       |      |           |              |          |      |
| 5052214    | 2x14W | 3K/4K | 230V |           | 600x300x100  | 580x280  | 8,5  |
| 5052224    | 2x24W | 3K/4K | 230V |           | 600x300x100  | 580x280  | 8,7  |
| 5052228    | 2x28W | 3K/4K | 230V |           | 1200x300x100 | 1180x280 | 11,7 |
| 5052254    | 2X54W | 3K/4K | 230V |           | 1200x300x100 | 1180x280 | 11,7 |
| 5052414    | 4x14W | 3K/4K | 230V |           | 600x600x100  | 580x580  | 11,4 |
| 5052424    | 4x24W | 3K/4K | 230V |           | 600x600x100  | 580x580  | 11,3 |
| 5052428    | 2x28W | 3K/4K | 230V |           | 1200x600x100 | 1180x580 | 14,2 |
| 5052454    | 2X54W | 3K/4K | 230V |           | 1200x600x100 | 1180x580 | 14,2 |







# New Eco Bol

Rasvjeta bolničkih soba mora biti fleksibilna, sa zasebnim sustavima paljenja i gašenja za različite rasvjetne zadatke: opću rasvjetu, svjetlost za čitanje u krevetu, rasvjetu za preglede i liječenje u krevetu, noćno promatranje pacijenata itd. New Eco Bol je rasvjetni sustav dizajniran da ispunji vizualne, biološke i emocionalne potrebe pacijenata, osoblja i rodbine. Projektirana za učinkovito osvjetljenje, dovod električne energije te mogućnost komunikacije u sobama za intenzivnu njegu s jednim ili više kreveta. Zajedno s Vama formiramo rasvjetna rješenja koja će u potpunosti zadovoljiti Vaše individualne zahtjeve.

*Hospital lighting must be flexible, with separate ignition and shutdown systems for different lighting tasks: general lighting, bedside lighting, lighting for examination and treatment, night observation for patients etc. New Eco Bol is a designed lighting system that satisfies the visual, biological and emotional needs of the patient, the staff and the relatives. Engineered for efficient lighting, electricity supply and communication in hospital rooms with one or more beds where intensive care is performed. Together with you we create lighting solutions that meet your individual requirements.*

NAMJENA / USAGE





# New Eco Bol

Nadkrevetni sistem osvjjetljenja za bolesničke sobe / *Overhead illumination system for hospital rooms*



**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;  
*LED min 60.000h L80F50 na Tp=65°C. EEI A++ , fluorescentne T5 cijevi*  
**Difuzor:** protubljesteći opalni prizmatični difuzor  
**Montaža:** vijcima na zid  
**Spajanje:** demontažom difuzora dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

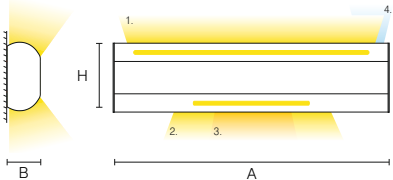
**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;  
*LED min 60.000h L80F50 on Tp=65°C; EEI A++ , fluorescent T5 tubes*  
**Diffuser:** anti-glare opal diffuser with microprismatic effect  
**Mounting:** with screws to the wall  
**Connecting:** connection clamps and all other electronic components are available by removing the diffuser  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP54

IK08

Prema zahtjevu:  
On request:

| Art.       | D     | I     | R              | lm(D) | lm(I) | lm(R) | A x B x H    |
|------------|-------|-------|----------------|-------|-------|-------|--------------|
| <b>LED</b> |       |       |                |       |       |       |              |
| 8014711    | 12W   | 18W   | 6W             | 2000  | 3000  | 1000  | 980x232x117  |
| 8014721    | 12W   | 24W   | 6W             | 2000  | 4000  | 1000  | 1280x232x117 |
| 8014731    | 12W   | 30W   | 6W             | 2000  | 5000  | 1000  | 1580x232x117 |
| <b>T5</b>  |       |       |                |       |       |       |              |
| 8014139    | 1x14W | 1x39W | 1x7W Dulux S/E |       |       |       | 980x232x117  |
| 8014154    | 1x14W | 1x54W | 1x7W Dulux S/E |       |       |       | 1280x232x117 |
| 8014149    | 1x14W | 1x49W | 1x7W Dulux S/E |       |       |       | 1580x232x117 |



Tipkalo za poziv osoblja  
Staff call button  
**art. 705**

Prekidač za direktnu rasvjetu  
Switch for direct lighting  
**art. 710**

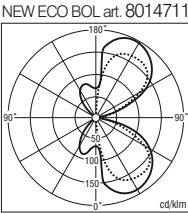
Prekidač za indirektnu rasvjetu  
Switch for indirect lighting  
**art. 721**

Šuko utičnica  
Contact protection socket  
**art. 711**

RJ11 priključak  
RJ11 connector  
**art. 722**

RJ45 priključak  
RJ45 connector  
**art. 723**

Dodatni kanal i priključak za plinske instalacije  
Additional  
**art. 724**



# Eco Bol

Nadkrevetni sistem osvjetljenja za bolesničke sobe / *Overhead illumination system for hospital rooms*



**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** bijela  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;  
*LED min 60.000h L80F50 na Tp=65°C. EEL A++*, fluorescentne T5 cijevi  
**Difuzor:** protubljesteći opalni prizmatični difuzor  
**Montaža:** vijcima na zid  
**Spajanje:** demontažom difuzora dostupne su priključne stezaljke i ostale električne komponente  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard colour:** white  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, self-cooling, MacAdam 3, CRI>80;  
*LED min 60.000h L80F50 on Tp=65°C; EEL A++*, fluorescent T5 tubes  
**Diffuser:** anti-glare opal diffuser with microprismatic effect  
**Mounting:** with screws to the wall  
**Connecting:** connection clamps and all other electronic components are available by removing the diffuser  
**On request:** regulation unit DALI, DIM (see ordering instructions)

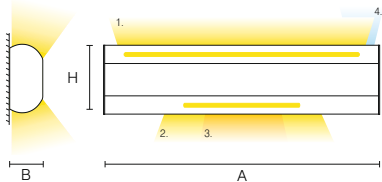
IP54

IK08

LED

Prema zahtjevu:  
On request:

| Art.       | D     | I     | R              | lm(D) | lm(I) | lm(R) | A x B x H    |
|------------|-------|-------|----------------|-------|-------|-------|--------------|
| <b>LED</b> |       |       |                |       |       |       |              |
| 8014711    | 12W   | 18W   | 6W             | 2000  | 3000  | 1000  | 980x232x117  |
| 8014721    | 12W   | 24W   | 6W             | 2000  | 4000  | 1000  | 1280x232x117 |
| 8014731    | 12W   | 30W   | 6W             | 2000  | 5000  | 1000  | 1580x232x117 |
| <b>T5</b>  |       |       |                |       |       |       |              |
| 8014139    | 1x14W | 1x39W | 1x7W Dulux S/E |       |       |       | 980x232x117  |
| 8014154    | 1x14W | 1x54W | 1x7W Dulux S/E |       |       |       | 1280x232x117 |
| 8014149    | 1x14W | 1x49W | 1x7W Dulux S/E |       |       |       | 1580x232x117 |

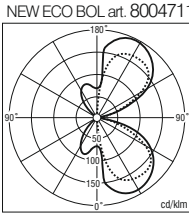


Tipkalo za poziv osoblja  
Staff call button  
**art. 705**

Prekidač za direktnu rasvjetu  
Switch for direct lighting  
**art. 710**

Prekidač za indirektnu rasvjetu  
Switch for indirect lighting  
**art. 721**

Šuko utičnica  
Contact protection socket  
**art. 711**











Industrijska rasvjeta  
Industry lighting







# Hyper

Industrijski prostori i njihovo osvjetljenje predstavljaju za korisnike i vlasnike velike troškove električne energije. Hyper svjetiljke dizajnirane su na način kako bi korisnicima osigurali dugotrajnu kvalitetu, visoke je temperature otpornosti, a uz pomoć aluminijskog odsijača poboljšava učinkovitost u rasvjetljenosti. Uspješno se prilagođava kompleksnim zahtjevima za osvjetljenje prostora kao što su proizvodne hale, prostori logističkih službi i skladišta. Pogodna je za instalaciju na visine od pet do petnaest metara što omogućuje visoko kvalitetan svjetlosni ugođaj bez mogućnosti neželjenih odblijesaka.

Kvalitetna i visoko efikasna svjetiljka nove generacije omogućuje:

- poboljšanje rasvjetljenosti vaših pogona,
- visok postotak odaziva boja >80,
- trenutno paljenje i bez stroboskopskog efekta,
- visok stupanj iskorištenja (više od 85%) zahvaljujući aluminijskom zrcalnom odasijaču sa parenim srebrom,
- dug životni vijek fluo T5 cijevi 30.000 h te LED izvora svjetlosti 60.000h

*Lighting of industrial workspace means big costs of electrical energy for his users and owners. Hyper luminaires are designed in a way that provides long lifetime and quality, high temperature resistance, and with aluminium reflector increases the efficiency of illumination.*

*Successfully adapts to complex lighting requirements such as of production halls, logistics areas and warehouses. Suitable for mounting heights from five to fifteen meters which grants high visual comfort and lighting without glare effect.*

*High-quality and efficient new generation luminaire grants:*

- increase in overall illumination
- color response rate of >80
- always ready for fast ignition & no stroboscopic effect
- high degree of efficiency of more than 85% thanks to an aluminum reflector
- long lifetime fluo T5 tubes 30.000 h & LED light sources 60.000h

## NAMJENA / USAGE



# Hyper

Nadgradna / viseća svjetiljka sa staklom • *Surface / suspended luminaire with ClearVision glass*



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom

**Standardna boja:** bijela RAL 9003

**Napajanje:** 230V/50Hz

**Odasijač:** Uskosnopni za visoke prostore (širokosnopni na zahtjev)

**Difuzor:** 4mm temperirano kaljeno staklo ClearVision

**Izvor svjetla:** fluo T5 cijevi

**Električne komponente:** ugrađene u kućište

**Montaža:** dva očna vijka u standardnom setu, vješanjem na iste ili pomoću nosača za stropnu montažu

**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem tropolnog konektora

**Prema zahtjevu:** panik, DALI ili DIM, boja (P) za ekstremno agresivne uvjete, kućište od inox-a AISI 316 L, polikarbonatni difuzor za HACCP standard (vidi upute za naručivanje)

**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint

**Standard colour:** white RAL 9003

**Power:** 230V/50Hz

**Reflector:** narrow beam for high spaces (wide beam on request)

**Diffuser:** 4mm tempered glass ClearVision

**Light source:** fluo T5 tubes

**Supply unit:** built in the housing

**Mounting:** two eye bolts in standard set, hanging on them or with mount for ceiling installation

**Connecting:** no need for demounting, connection through three pin connector

**On request:** emergency mode, regulation unit DALI or DIM, colour (P) for extreme conditions, inox AISI 316 L housing, polycarbonate diffuser for HACCP standard (see ordering instructions)



| Art.      | W     | K  | V    | A x B x H    | kg   |
|-----------|-------|----|------|--------------|------|
| <b>T5</b> |       |    |      |              |      |
| 6101228   | 2x28W | 4K | 230V | 1232x238x110 | 9,0  |
| 6101254   | 2x54W | 4K | 230V | 1232x238x110 | 9,0  |
| 6101249   | 2x49W | 4K | 230V | 1532x238x110 | 12,1 |
| 6101280   | 2x80W | 4K | 230V | 1532x238x110 | 12,1 |
| 6101428   | 4x28W | 4K | 230V | 1232x382x110 | 11,2 |
| 6101454   | 4x54W | 4K | 230V | 1232x382x110 | 11,2 |
| 6101449   | 4x49W | 4K | 230V | 1532x382x110 | 15,0 |
| 6101480   | 4x80W | 4K | 230V | 1532x382x110 | 15,0 |



Konektor  
Connector  
**art. 820** - 5 polni / 5 pole



Zaštitna mreža  
Protective net  
**art. 510** - 2x1232mm  
**art. 511** - 2x1532mm  
**art. 514** - 4x1232mm  
**art. 515** - 4x1532mm



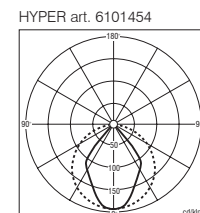
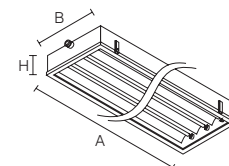
Širokosnopni aluminijski odasijač 90°  
Wide beam aluminium reflector 90°  
**art. 691**



Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
**art. 203**



Nosač (par) za stropnu montažu  
Mount for ceiling installation (pair)  
**art. 451** - 2x  
**art. 453** - 4x





# Hyper

Nadgradna / viseća LED svjetiljka sa staklom • Surface / suspended LED luminaire with ClearVision glass



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela RAL 9003  
**Napajanje:** 230V/50Hz  
**Odasijač:** uskosnopni za visoke prostore (širokosnopni na zahtjev)  
**Difuzor:** 4mm temperirano kaljeno staklo ClearVision  
**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Električne komponente:** ugrađene u kućište  
**Montaža:** dva očna vijka u standardnom setu, vješanjem na iste ili pomoću nosača za stropnu montažu  
**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem trolnog konektora  
**Prema zahtjevu:** panik, DALI ili DIM, boja (P) za ekstremno agresivne uvjete, kućište od inox-a AISI 316L, polikarbonatni difuzor za HACCP standard (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy paint  
**Standard colour:** white RAL 9003  
**Power:** 230V/50Hz  
**Reflector:** narrow beam for high spaces (wide beam on request)  
**Diffuser:** 4mm tempered glass ClearVision  
**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Mounting:** two eye bolts in standard set, hanging on them or with mount for ceiling installation  
**Connecting:** no need for demounting, connection through three pin connector  
**On request:** emergency mode, regulation unit DALI or DIM, colour (P) for extreme conditions, inox AISI 316L housing, polycarbonate diffuser for HACCP standard (see ordering instructions)

IP65

IK09

1m D

LED

Prema zahtjevu:  
On request:

P

INOX 316

PC DIFFUSER

| Art.    | W      | K  | V    | lm    | A x B x H    | kg   |
|---------|--------|----|------|-------|--------------|------|
| LED     |        |    |      |       |              |      |
| 6109721 | 62,4W  | 4K | 230V | 11320 | 1232x238x110 | 9,0  |
| 6109722 | 93,2W  | 4K | 230V | 16960 | 1232x238x110 | 9,0  |
| 6109725 | 78,0W  | 4K | 230V | 14140 | 1532x238x110 | 12,1 |
| 6109726 | 116,6W | 4K | 230V | 21200 | 1532x238x110 | 12,1 |
| 6109741 | 124,8W | 4K | 230V | 22640 | 1232x382x110 | 11,2 |
| 6109709 | 186,4W | 4K | 230V | 33920 | 1232x382x110 | 11,2 |
| 6109736 | 156,0W | 4K | 230V | 28280 | 1532x382x110 | 15,0 |
| 6109737 | 233,2W | 4K | 230V | 42400 | 1532x382x110 | 15,0 |



Konektor  
Connector  
art. 820 - 5 polni / 5 pole



Zaštitna mreža  
Protective net  
art. 510 - 2x1232mm  
art. 511 - 2x1532mm  
art. 514 - 4x1232mm  
art. 515 - 4x1532mm



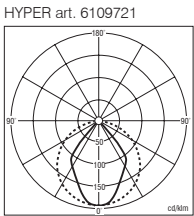
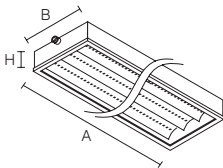
Širokosnopni aluminijski odasijač 90°  
Wide beam aluminium reflector 90°  
art. 691



Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
art. 203



Nosač (par) za stropnu montažu  
Mount for ceiling installation (pair)  
art. 451 - 2x  
art. 453 - 4x





# Hyper LLP

Nadgradna / viseća svjetiljka sa rasterom i staklom • *Surface / suspended luminaire with louvre and ClearVision glass*



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom

**Standardna boja:** bijela RAL 9003

**Napajanje:** 230V/50Hz

**Raster:** LLP mikro zrcalni sa dvostrukom parabolikom, uzdužne i poprečne lamele 99,99% čistoće aluminija

**Difuzor:** 4mm temperirano kaljeno staklo ClearVision

**Izvor svjetla:** fluo T5 cijevi

**Električne komponente:** ugrađene u kućište

**Montaža:** dva očna vijka u standardnom setu, vješanjem na iste ili pomoću nosača za stropnu montažu

**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem trolnog konektora

**Prema zahtjevu:** panik, DALI ili DIM, boja (P) za ekstremno agresivne uvjete, kućište od inox-a AISI 316, polikarbonatni difuzor za HACCP standard (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy paint

**Standard colour:** white RAL 9003

**Power:** 230V/50Hz

**Louvre:** LLP mikro-mirror with double parabolic, lengthwise and transverse lamellas 99,99% pure aluminium

**Diffuser:** 4mm tempered glass ClearVision

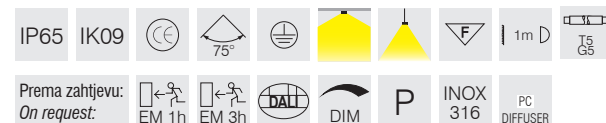
**Light source:** fluo T5 tubes

**Supply unit:** built in the housing

**Mounting:** two eye bolts in standard set, hanging on them or with mount for ceiling installation

**Connecting:** no need for demounting, connection through three pin connector

**On request:** emergency mode, regulation unit DALI or DIM, colour (P) for extreme conditions, inox AISI 316 housing, polycarbonate diffuser for HACCP standard (see ordering instructions)



| Art.      | W     | K  | V    | A x B x H    | kg   |
|-----------|-------|----|------|--------------|------|
| <b>T5</b> |       |    |      |              |      |
| 6601228   | 2x28W | 4K | 230V | 1232x238x110 | 9,0  |
| 6601254   | 2x54W | 4K | 230V | 1232x238x110 | 9,0  |
| 6601249   | 2x49W | 4K | 230V | 1532x238x110 | 12,1 |
| 6601280   | 2x80W | 4K | 230V | 1532x238x110 | 12,1 |
| 6601428   | 4x28W | 4K | 230V | 1232x382x110 | 11,2 |
| 6601454   | 4x54W | 4K | 230V | 1232x382x110 | 11,2 |
| 6601449   | 4x49W | 4K | 230V | 1532x382x110 | 15,0 |
| 6601480   | 4x80W | 4K | 230V | 1532x382x110 | 15,0 |



Konektor  
Connector  
**art. 820** - 5 polni / 5 pole



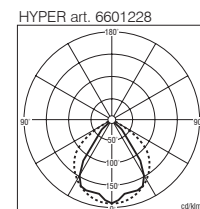
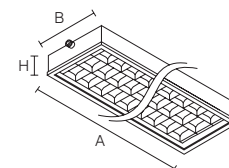
Zaštitna mreža  
Protective net  
**art. 510** - 2x1232mm  
**art. 511** - 2x1532mm  
**art. 514** - 4x1232mm  
**art. 515** - 4x1532mm



Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
**art. 203**



Nosač (par) za stropnu montažu  
Mount for ceiling installation (pair)  
**art. 451** - 2x  
**art. 453** - 4x



# Hyper LLP

Nadgradna / viseća LED svjetiljka sa rasterom i staklom • Surface / suspended LED luminaire with louvre and ClearVision glass



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela RAL 9003  
**Napajanje:** 230V/50Hz  
**Raster:** LLP mikro zrcalni sa dvostrukom parabolikom, uzdužne i poprečne lamele 99,99% čistoće aluminija  
**Difuzor:** 4mm temperirano kaljeno staklo ClearVision  
**Izvor svjetla:** LED generacije 4, self cooling, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Električne komponente:** ugrađene u kućište  
**Montaža:** dva očna vijka u standardnom setu, vješanjem na iste ili pomoću nosača za stropnu montažu  
**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem trolnog konektora  
**Prema zahtjevu:** panik, DALI ili DIM, boja (P) za ekstremno agresivne uvjete, kućište od inox-a AISI 316, polikarbonatni difuzor za HACCP standard (vidi upute za naručivanje)

**Housing:** steel sheet-metal, electrically punctured and covered with thermal epoxy paint  
**Standard colour:** white RAL 9003  
**Power:** 230V/50Hz  
**Louvre:** LLP mikro-mirror with double parabolic, lengthwise and transverse lamellas 99,99% pure aluminium  
**Diffuser:** 4mm tempered glass ClearVision  
**Light source:** LED generation 4, self cooling, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Supply unit:** built in the housing  
**Mounting:** two eye bolts in standard set, hanging on them or with mount for ceiling installation  
**Connecting:** no need for demounting, connection through three pin connector  
**On request:** emergency mode, regulation unit DALI or DIM, colour (P) for extreme conditions, inox AISI 316 housing, polycarbonate diffuser for HACCP standard (see ordering instructions)

IP65

IK09

1m D

LED

Prema zahtjevu:  
On request:

P

INOX 316

PC DIFFUSER

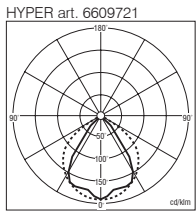
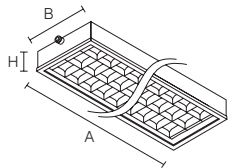
| Art.    | W      | K  | V    | lm    | A x B x H    | kg   |
|---------|--------|----|------|-------|--------------|------|
| LED     |        |    |      |       |              |      |
| 6609721 | 62,4W  | 4K | 230V | 11320 | 1232x238x110 | 9,0  |
| 6609722 | 93,2W  | 4K | 230V | 16960 | 1232x238x110 | 9,0  |
| 6609725 | 78,0W  | 4K | 230V | 14140 | 1532x238x110 | 12,1 |
| 6609726 | 116,6W | 4K | 230V | 21200 | 1532x238x110 | 12,1 |
| 6609741 | 124,8W | 4K | 230V | 22640 | 1232x382x110 | 11,2 |
| 6609709 | 186,4W | 4K | 230V | 33920 | 1232x382x110 | 11,2 |
| 6609736 | 156,0W | 4K | 230V | 28280 | 1532x382x110 | 15,0 |
| 6609737 | 233,2W | 4K | 230V | 42400 | 1532x382x110 | 15,0 |

Konektor  
Connector  
art. 820 - 5 polni / 5 pole

Zaštitna mreža  
Protective net  
art. 510 - 2x1232mm  
art. 511 - 2x1532mm  
art. 514 - 4x1232mm  
art. 515 - 4x1532mm

Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
art. 203

Nosač (par) za stropnu montažu  
Mount for ceiling installation (pair)  
art. 451 - 2x  
art. 453 - 4x









# Ares

Rasvjetljavanje industrijskih površina zahtjeva razmatranje radnih uvjeta, racionalnu potrošnju i željeni estetski učinak. Ares svjetiljka dizajnirana je za prostore visokih tehničkih uvjeta kako bi omogućila visoku razinu osvjetljenosti uz nisku potrošnju energije.

*Lighting of industrial places requires examination of work conditions, consumption and wanted estetic effect. Ares luminaire is designed for spaces with high technical needs, providing a high level of illumination with low energy consumption.*

NAMJENA / USAGE





# Ares

Nadgradni / viseći **LED** reflektor • *Surface / suspended LED reflector*



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela RAL 9003

**Napajanje:** 230V/50Hz

**Odasijač:** od sjajnog metaliziranog aluminija

**Difuzor:** 4mm temperirano kaljeno staklo ClearVision

**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEL A++

**Električne komponente:** ugrađene u kućište

**Montaža:** nosačima na strop, vješanjem na čelične visilice

**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem tropolnog konektora

**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)

**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint

**Standard colour:** white RAL 9003

**Power:** 230V/50Hz

**Reflector:** of bright metallized aluminium

**Diffuser:** 4mm tempered glass ClearVision

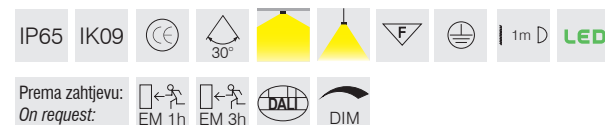
**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEL A++

**Supply unit:** built in the housing

**Mounting:** with carriers to the ceiling, hanging on steel suspension

**Connecting:** no need for demounting, connection through three pin connector

**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)



| Art.       | W       | K  | V    | lm    | A x B x H   | kg  |
|------------|---------|----|------|-------|-------------|-----|
| <b>LED</b> |         |    |      |       |             |     |
| 3431731    | 3x35,4W | 4K | 230V | 18190 | 480x200x110 | 6,7 |
| 3431732    | 3x46,4W | 4K | 230V | 23000 | 480x200x110 | 6,7 |
| 3431736    | 3x35,4W | 4K | 230V | 18190 | 330x330x110 | 6,9 |
| 3431737    | 3x46,4W | 4K | 230V | 23000 | 330x330x110 | 6,9 |
| 3431746    | 4x35,4W | 4K | 230V | 24250 | 330x330x110 | 6,9 |
| 3431747    | 4x46,4W | 4K | 230V | 30670 | 330x330x110 | 6,9 |
| 3431741    | 4x35,4W | 4K | 230V | 24250 | 630x200x110 | 8,5 |
| 3431742    | 4x46,4W | 4K | 230V | 30670 | 630x200x110 | 8,5 |



Konektor  
Connector  
**art. 820** - 5 polni / 5 pole



Zaštitna mreža  
Protective net  
**art. 550** - 480x200mm  
**art. 551** - 330x330mm  
**art. 552** - 630x200mm



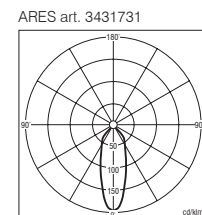
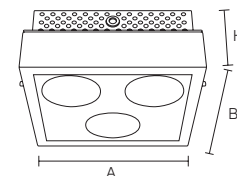
Širokosnopni aluminijski reflektor  
Wide beam aluminium reflector  
**art. 649**



Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
**art. 203**



Nosač (par) za stropnu montažu  
Mount for ceiling installation (pair)  
**art. 464**





# Zeus

Ugradna i nadgradna svjetiljka Zeus prilagođena je visokim prostorima unutarne i vanjske namjene; prostore s natkrivenim prostorima skladišta, sportskim dvoranama, transportnim terminalima. Svjetiljka u standardnoj verziji dolazi s uskosnopnim lećama za osvijetljavanje visokih prostora.

*Zeus light for recessed and surface mounting is adapted for high ceilings in interior and exterior places; warehouses, sports halls, transport terminals. In standard version Ares has narrow beam optics which provides lighting for high installation.*

## NAMJENA / USAGE



# Zeus

Nadgradni / viseći LED svjetiljka • *Surface / suspended LED luminaire*



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom

**Standardna boja:** bijela RAL 9003

**Napajanje:** 230V/50Hz

**Optika:** linijske uskosnopne leće

**Difuzor:** 4mm temperirano kaljeno staklo ClearVision

**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Električne komponente:** ugrađene u kućište

**Montaža:** nosačima na strop, vješanjem na čelične visilice

**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem trolnog konektora

**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)

**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint

**Standard colour:** white RAL 9003

**Power:** 230V/50Hz

**Optics:** linear narrow beam lens

**Diffuser:** 4mm tempered glass ClearVision

**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Supply unit:** built in the housing

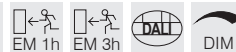
**Mounting:** with carriers to the ceiling, hanging on steel suspension

**Connecting:** no need for demounting, connection through three pin connector

**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)



Prema zahtjevu:  
On request:



| Art.       | W      | K  | V    | lm    | A x B x H  | kg  |
|------------|--------|----|------|-------|------------|-----|
| <b>LED</b> |        |    |      |       |            |     |
| 6071711    | 48,0W  | 4K | 230V | 8000  | 330x330x80 | 6,9 |
| 6071712    | 62,4W  | 4K | 230V | 11280 | 330x330x80 | 6,9 |
| 6071721    | 96,0W  | 4K | 230V | 16000 | 660x330x80 | 8,5 |
| 6071722    | 124,8W | 4K | 230V | 22640 | 660x330x80 | 8,5 |



Konektor  
Connector  
**art. 820** - 5 polni / 5 pole



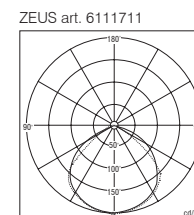
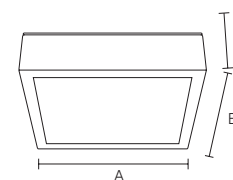
Zaštitna mreža  
Protective net  
**art. 555** - 330x330mm  
**art. 556** - 660x330mm



Širokosnopna leća  
Wide beam lens  
**art. 617**



Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
**art. 203**



# Zeus UG

Ugradna LED svjetiljka • Recessed LED luminaire



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela RAL 9003  
**Napajanje:** 230V/50Hz  
**Difuzor:** 4mm temperirano kaljeno staklo ClearVision  
**Optika:** linijske uskosnopne leće  
**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Električne komponente:** ugrađene u kućište  
**Montaža:** pomoću okvira u strop  
**Spajanje:** skidanjem kućišta dostupne su priključne stezaljke i sve ostale električne komponente  
**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)  
**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint  
**Standard colour:** white RAL 9003  
**Power:** 230V/50Hz  
**Diffuser:** 4mm tempered glass ClearVision  
**Optics:** linear narrow beam lens  
**Light source:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Supply unit:** built in the housing  
**Mounting:** with frame to the ceiling  
**Connecting:** disassemble the housing to find connection clamps and other electrical components  
**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)

IP65

IK09

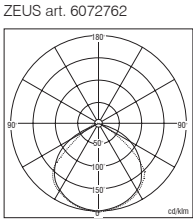
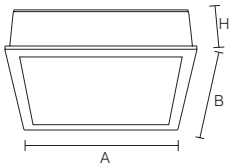
LED

Prema zahtjevu:  
On request:

| Art.    | W     | K  | V    | lm    | A x B x H  | kg  |
|---------|-------|----|------|-------|------------|-----|
| LED     |       |    |      |       |            |     |
| 6072762 | 48W   | 4K | 230V | 8000  | 330x330x80 | 6,9 |
| 6072791 | 62,4W | 4K | 230V | 11280 | 330x330x80 | 6,9 |

Zaštitna mreža  
Protective net  
art. 555 - 330x330mm  
art. 556 - 660x330mm

Širokosnopna leća  
Wide beam lens  
art. 617









# Atea

Visoko efikasna high bay industrijsko dekorativna svjetiljka anodiziranog aluminijskog odasijača s ukrasnim rebrastim profilom čine ovu svjetiljku dekorativnom; a rebrasti profili potpomažu u odvodnji topline što čini ovu svjetiljku tehnički superiornijom. Dizajnirana je za komercijalne, industrijske i sportske hale, a karakterizira ju iznimno niska potrošnja energije.

*High efficient high bay industrial decorative light with anodized aluminium reflector with decorative ribbed profile makes this light decorative; on the other side ribbed profiles also helps in heat dissipation which makes this light technically superior. Designed for commercial, industrial and sports spaces, with very low energy consumption.*

## NAMJENA / USAGE



# Atea

Viseći industrijski **LED** reflektor • *Suspended industrial LED reflector*



**Kućište:** ekstrudirani anodizirani aluminijski profil

**Standardna boja:** anodizirani aluminij

**Napajanje:** 230V/50Hz

**Odasijač:** od sjajnog metaliziranog aluminija

**Difuzor:** 4mm temperirano kaljeno staklo ClearVision

**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Električne komponente:** ugrađene u kućište

**Montaža:** vješanje na čelične visilice

**Spajanje:** svjetiljku nije potrebno otvarati, spajanje putem trolnog konektora

**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)

**Housing:** extruded anodized aluminium profile

**Standard colour:** anodized aluminium

**Power:** 230V/50Hz

**Reflector:** of bright metallized aluminium

**Diffuser:** 4mm tempered glass ClearVision

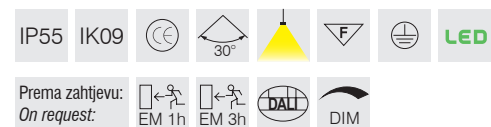
**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++

**Supply unit:** built in the housing

**Mounting:** hanging on steel suspension

**Connecting:** no need for demounting, connection through three pin connector

**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)



| Art.       | W      | K  | V    | lm    | Ø x H   | kg  |
|------------|--------|----|------|-------|---------|-----|
| <b>LED</b> |        |    |      |       |         |     |
| 6033707    | 74,4W  | 4K | 230V | 13218 | 480x530 | 9,1 |
| 6033710    | 106,2W | 4K | 230V | 18189 | 480x530 | 9,1 |
| 6033719    | 139,2W | 4K | 230V | 23000 | 480x530 | 9,2 |



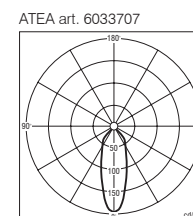
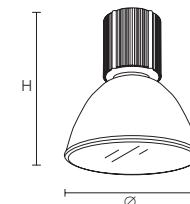
Zaštitna mreža  
Protective net  
**art. 503**



Širokosnopni odsijač  
Wide beam reflector  
**art. 649**



Lančani ovjes 1500mm  
Chain suspension 1500mm  
**art. 203**





# Linear

Linear svjetiljke omogućuju brzi način linijskog osvjetljenja, jednostavnu montažu bez vijaka i alata. Omogućavajući montažu sa samo dva jednostavna okreta s 5 žičanim kablom omogućava se integriranje rasvjetnog kanalnog sistema ili panik rasvjete. Linear sistem omogućava kreiranje najbolje mogućeg osvjetljavanja dajući visoku efikasnost optimizirajuću svjetlosnu distribuciju i vizualni komfor.

*Linear luminaires provides a faster way of linear connected sistem, easy mouting without using installation tools. Using simple installation with 5 pin cables enables integration of lighting track system or emergency lighting. Linear system creates high quality lighting, making high efficient light distirbution and visual comfort.*

## NAMJENA / USAGE





# Linear

Nadgradna / viseća **LED** svjetiljka • *Surface / suspended and suspended **LED** luminaire*



**Kućiste:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom

**Standardna boja:** bijela RAL 9003

**Napajanje:** 230V/50Hz

**Odasijač:** širokosnupan (uskosnupan na zahtjev)

**Difuzor:** transparentni zaštitni polikarbonat

**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na

Tp=65°C; EEL A++

**Električne komponente:** ugrađene u kućište

**Montaža:** vijcima na strop / vješanje na čelične visilice

**Spajanje:** skidanjem kanala dostupne su priključne stezaljke i sve ostale električne komponente

**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)

**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint

**Standard colour:** white RAL 9003

**Power:** 230V/50Hz

**Reflector:** wide beam reflector (narrow beam on request)

**Diffuser:** transparent polycarbonate cover

**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na

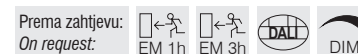
Tp=65°C; EEL A++

**Supply unit:** built in the housing

**Mounting:** with screws to the ceiling / hanging on steel suspension wires

**Connecting:** by demounting the track, connection clamps and all other electronic components are available

**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)



| Art.       | W     | K  | V    | lm    | A x B x H   | kg  |
|------------|-------|----|------|-------|-------------|-----|
| <b>LED</b> |       |    |      |       |             |     |
| 6241711    | 48,0W | 4K | 230V | 8000  | 1160x150x80 | 2,2 |
| 6241712    | 62,4W | 4K | 230V | 11320 | 1160x150x80 | 2,2 |
| 6241721    | 60,0W | 4K | 230V | 10000 | 1440x150x80 | 2,4 |
| 6241722    | 78,0W | 4K | 230V | 14140 | 1440x150x80 | 2,4 |



Uskosnopni odsijač  
Narrow reflector  
**art. 699**



Linijsko ožičenje  
Linear wiring  
**art. 815** - 3x2,5mm<sup>2</sup>  
**art. 816** - 4x2,5mm<sup>2</sup>  
**art. 817** - 3x2,5mm<sup>2</sup> + 2x1,5mm<sup>2</sup>



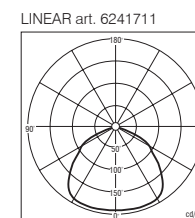
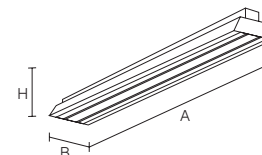
Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
**art. 203**



Asimetrične leće  
Asymmetric lens  
**art. 618**



Dvostruko asimetrične leće  
s Batwing optikom  
Double asymmetric lens  
with Batwing optics  
**art. 619**



# Linear system

Nadgradni / viseći LED sistem • Surface / suspended and suspended LED system



**Kućište:** iz prešanog čeličnog lima, električki punktiran i obojen termoeпокsidnom bojom  
**Standardna boja:** bijela RAL 9003  
**Napajanje:** 230V/50Hz  
**Odasijač:** širokosnupan (uskosnupan na zahtjev)  
**Difuzor:** transparentni zaštitni polikarbonat  
**Izvor svjetla:** LED generacije 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Električne komponente:** ugrađene u kućište  
**Montaža:** na kanal sa stažnje strane  
**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)

**Housing:** pressed sheet-metal, electrically punctured, covered with thermal epoxy paint  
**Standard colour:** white RAL 9003  
**Power:** 230V/50Hz  
**Optics:** white beam reflector  
**Diffuser:** wide beam reflector (narrow beam on request)  
**Light source:** LED generation 4, MacAdam3, CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Supply unit:** built in the housing  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)

IP40

IK07

CE

90°

F

LED

Prema zahtjevu:

EM 1h

EM 3h

DALI

DIM

| Art.    | W     | K  | V    | lm    | A x B x H   | kg  |
|---------|-------|----|------|-------|-------------|-----|
| LED     |       |    |      |       |             |     |
| 6251711 | 48,0W | 4K | 230V | 8000  | 1160x150x80 | 2,2 |
| 6251712 | 62,4W | 4K | 230V | 11320 | 1160x150x80 | 2,2 |
| 6251721 | 60,0W | 4K | 230V | 10000 | 1440x150x80 | 2,4 |
| 6251722 | 78,0W | 4K | 230V | 14140 | 1440x150x80 | 2,4 |

| Art.    |                                                                       |
|---------|-----------------------------------------------------------------------|
| 1083001 | Linear noseći kanal L=2,5m / Track L=2,5m                             |
| 1083002 | Linear završni bočni poklopac kanala 1kom / Track endcap 1 pc         |
| 1083003 | Linear završni bočni poklopac svjetiljke 1kom / Luminaire endcap 1 pc |
| 1083004 | Linear linijski spoj svjetiljke 1kom / Linear connection 1 pc         |
| 1083005 | Linear linijski spoj kanala 1kom / Track connection 1 pc              |



Uskosnopni odsijač  
Narrow reflector  
art. 699



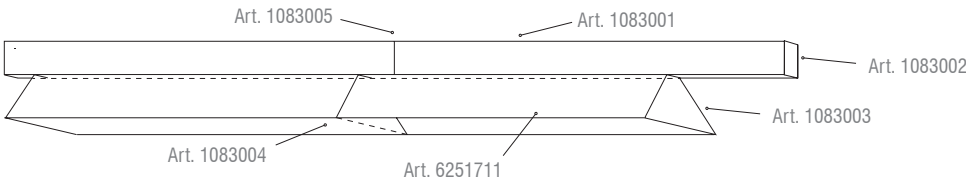
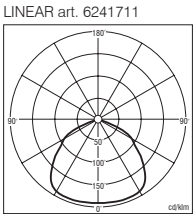
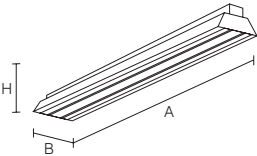
Lančani ovjes (par) 1500mm  
Chain suspension (pair) 1500mm  
art. 203



Asimetrične leće  
Asymmetric lens  
art. 618



Dvostruko asimetrične leće  
s Batwing optikom  
Double asymmetric lens  
with Batwing optics  
art. 619











# LVS

Visoko efikasna vodootporna svjetiljka za vlažne prostore. LVS svjetiljka dizajnirana za uporabu u zahtjevnim okruženjima za prostore s uvećanom vlagom i prašinom.

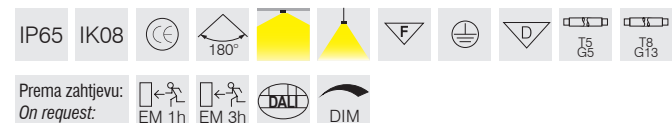
*High efficiency waterproof luminaire for wet environments. LVS light adapts to complex lighting requirements, space with higher level of humidity and dust.*

NAMJENA / USAGE





## LVS

Nadgradna / viseća vodotijesna svjetiljka • *Surface / suspended waterproof luminaire***Kućište:** polikarbonat ojačan staklenim vlaknima**Standardna boja:** siva**Napajanje:** 230V/50Hz**Difuzor:** polikarbonatna kapa**Izvor svjetla:** fluo T8 i T5 cijevi**Električne komponente:** ugrađene u kućište**Montaža:** vijcima na strop / vješanje na čelične visilice**Spajanje:** demontažom poklopca i nosača elemenata dostupne su priključne stezaljke i sve ostale električne komponente**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)**Housing:** polycarbonate reinforced with glass fibres**Standard colour:** gray**Power:** 230V/50Hz**Diffuser:** polycarbonate cap**Light source:** fluo T8, T5 tubes**Supply unit:** built in the housing**Mounting:** with screws to the ceiling / hanging on steel suspension wires**Connecting:** through demounting the cover and elements carrier connection clamps and other electrical components are available**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)

Prema zahtjevu:

On request:



| Art.      | W     | K  | V    | A x B x H    | kg  |
|-----------|-------|----|------|--------------|-----|
| <b>T8</b> |       |    |      |              |     |
| 6121118   | 1x18W | 4K | 230V | 660x100x100  | 1,8 |
| 6121136   | 1x36W | 4K | 230V | 1263x100x100 | 2,4 |
| 6121158   | 1x58W | 4K | 230V | 1565x100x100 | 3,1 |
| 6121218   | 2x18W | 4K | 230V | 660x146x100  | 2,0 |
| 6121236   | 2x36W | 4K | 230V | 1263x146x100 | 2,6 |
| 6121258   | 2x58W | 4K | 230V | 1565x146x100 | 3,3 |
| <b>T5</b> |       |    |      |              |     |
| 6121114   | 1x14W | 4K | 230V | 660x100x100  | 1,8 |
| 6121124   | 1x24W | 4K | 230V | 660x100x100  | 1,8 |
| 6121128   | 1x28W | 4K | 230V | 1263x100x100 | 2,4 |
| 6121135   | 1x35W | 4K | 230V | 1565x100x100 | 3,1 |
| 6121149   | 1x49W | 4K | 230V | 1565x100x100 | 3,1 |
| 6121154   | 1x54W | 4K | 230V | 1263x100x100 | 2,4 |
| 6121180   | 1x80W | 4K | 230V | 1565x100x100 | 3,1 |
| 6121214   | 2x14W | 4K | 230V | 660x146x100  | 2,0 |
| 6121224   | 2x24W | 4K | 230V | 660x146x100  | 2,0 |
| 6121228   | 2x28W | 4K | 230V | 1263x146x100 | 2,6 |
| 6121235   | 2x35W | 4K | 230V | 1565x146x100 | 2,6 |
| 6121249   | 2x49W | 4K | 230V | 1565x146x100 | 3,3 |
| 6121254   | 2x54W | 4K | 230V | 1263x146x100 | 2,6 |
| 6121280   | 2x80W | 4K | 230V | 1565x146x100 | 3,3 |



Konektor  
Connector  
**art. 813** - 4 polni / 4 pole  
**art. 814** - 9 polni / 9 pole



Zidni nosač 45°  
Wall carrier 45°  
**art. 425** - par/pair



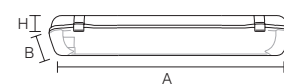
Inox kopče  
Inox closing clamps  
**art. 517** - 1/2x18W, 24W  
**art. 518** - 1/2x36W, 54W  
**art. 519** - 1/2x58W, 80W



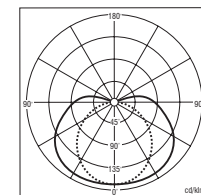
Linijsko ožičenje  
Linear wiring  
**art. 815** - EVG 3x2,5mm²  
**art. 816** - EVG 4x2,5mm²  
**art. 817** - DALI 3x2,5mm² + 2x1,5mm²



Zaštitna mreža u bijeloj boji  
Protective net in white colour  
**art. 500** - 1/2x18W, 14W, 24W  
**art. 501** - 1/2x36W, 28W, 54W  
**art. 502** - 1/2x58W, 35W, 49W, 80W



LVS art. 6121118

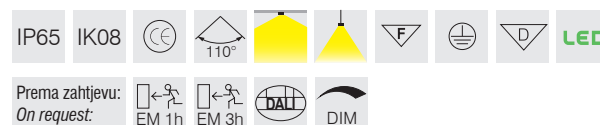


# LVS

Nadgradna / viseća **LED** vodotijesna svjetiljka • *Surface / suspended **LED** waterproof luminaire*



**Kućište:** polikarbonat ojačan staklenim vlaknima  
**Standardna boja:** siva  
**Napajanje:** 230V/50Hz  
**Difuzor:** polikarbonatna kapa  
**Izvor svjetla:** LED generacije 4, self-cooling, MacAdam 3 CRI>80; LED min 60.000h L80F50 na Tp=65°C; EEI A++  
**Električne komponente:** ugrađene u kućište  
**Montaža:** vijcima na strop / vješanje na čelične visilice  
**Spajanje:** demontažom poklopca i nosača elemenata dostupne su priključne stezaljke i sve ostale električne komponente  
**Prema zahtjevu:** panik, regulacijska jedinica DALI ili DIM (vidi upute za naručivanje)  
**Housing:** polycarbonate reinforced with glass fibres  
**Standard colour:** gray  
**Power:** 230V/50Hz  
**Diffuser:** polycarbonate cap  
**Light source:** LED generation 3, self-cooling; MacAdam 3 CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Supply unit:** built in the housing  
**Mounting:** with screws to the ceiling / hanging on steel suspension wires  
**Connecting:** through demounting the cover and elements carrier connection clamps and other electrical components are available  
**On request:** emergency mode, regulation unit DALI or DIM (see ordering instructions)



| Art.       | W     | K  | V    | lm    | A x B x H    | kg  |
|------------|-------|----|------|-------|--------------|-----|
| <b>LED</b> |       |    |      |       |              |     |
| 6121711    | 15,6W | 4K | 230V | 2830  | 660x100x100  | 1,6 |
| 6121712    | 23,3W | 4K | 230V | 4240  | 660x100x100  | 1,8 |
| 6121721    | 31,2W | 4K | 230V | 5660  | 1263x100x100 | 2,5 |
| 6121722    | 46,6W | 4K | 230V | 8480  | 1263x100x100 | 1,8 |
| 6121731    | 39,0W | 4K | 230V | 7070  | 1565x100x100 | 2,5 |
| 6121732    | 58,3W | 4K | 230V | 10600 | 1565x100x100 | 1,8 |



Konektor  
 Connector  
**art. 813** - 4 polni / 4 pole  
**art. 814** - 9 polni / 9 pole



Zidni nosač 45°  
 Wall carrier 45°  
**art. 425** - par/pair



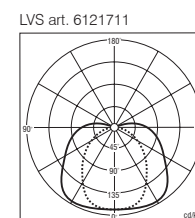
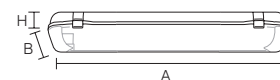
Inox kopče  
 Inox closing clamps  
**art. 517** - 1/2x18W, 24W  
**art. 518** - 1/2x36W, 54W  
**art. 519** - 1/2x58W, 80W



Linijsko ožičenje  
 Linear wiring  
**art. 815** - EVG 3x2,5mm²  
**art. 816** - EVG 4x2,5mm²  
**art. 817** - DALI 3x2,5mm² + 2x1,5mm²



Zaštitna mreža u bijeloj boji  
 Protective net in white colour  
**art. 500** - 1/2x18W, 14W, 24W  
**art. 501** - 1/2x36W, 28W, 54W  
**art. 502** - 1/2x58W, 35W, 49W, 80W







Vanjska rasvjeta  
Outdoor lighting





# Icon outdoor

Svjetiljka za vanjsku montažu iz aluminijskog minimalističkog dizajna, elegantnih i modernih linija. Pogodna za montažu u stambenim, poslovnim, hotelskim prostorima, idealna za naglašavanje arhitektonskih značajki prostora te svojom uskom distribucijom svjetlosnog snopa usmjeruju pažnju na najznačajnije karakteristike te daju puninu i voluminoznost.

Aluminijsko tijelo svjetiljke omogućuje visoku trajnost i kvalitetu proizvoda a izbor finostrukturalnih boja omogućuje uklapanje u svaki interijer.

*Minimalistic aluminium luminaire for outdoor lighting with elegant and modern design. Suitable for use in housing, offices and tourism, ideal for accentuating architectural features of spaces and to focus attention with its narrow beam light emission, thus giving richness and voluminosity.*

*Aluminium body of the luminaire offers high durability and quality of the product and the finely-structured color selection enables integration into any interior space.*

NAMJENA / USAGE



# Icon outdoor

Nadgradna LED svjetiljka / Surface mounted LED luminaire



BIJELA/WHITE (W)



SIVA/GREY(G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision

**Montaža:** vijcima na strop

**Spajanje:** spajanje na priključni kabel l=500 mm

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, MacAdam 3, CRI>80;

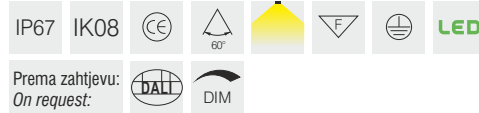
LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** tempered, high resistance Clear Vision glass

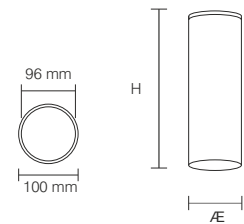
**Mounting:** with screws to the ceiling

**Connecting:** through a supply cable l=500mm

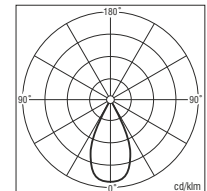
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | ÆxH     | kg  |
|------------|-------|-------|------|-----------|---------|-----|
| <b>LED</b> |       |       |      |           |         |     |
| 7411711    | 12,2W | 3K/4K | 230V | 1885/1935 | 100x300 | 2,8 |
| 7411712    | 17,6W | 3K/4K | 230V | 2778/2848 | 100x300 | 2,8 |



ICON OUTDOOR art. 7411711



# Icon outdoor

Viseća LED svjetiljka / Suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | ÆxH     | kg  |
|------------|-------|-------|------|-----------|---------|-----|
| <b>LED</b> |       |       |      |           |         |     |
| 7413711    | 12,2W | 3K/4K | 230V | 1885/1935 | 100x300 | 2,8 |
| 7413712    | 17,6W | 3K/4K | 230V | 2778/2848 | 100x300 | 2,8 |

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision

**Montaža:** pomoću visilice s autoblokirnim sistemom (u kompletu)

**Spajanje:** sa ukrasnom rozetom s napojnim kabelom 3x0,75 mm l=1500 mm

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, MacAdam 3, CRI>80;

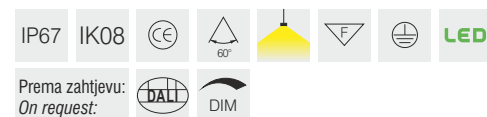
LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** tempered, high resistance Clear Vision glass

**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)

**Connecting:** through decorative box with supply cable 3x0,75 mm l=1500 mm

**On request:** regulation unit DALI, DIM (see ordering instructions)



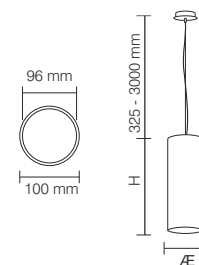
Prema zahtjevu:  
On request:



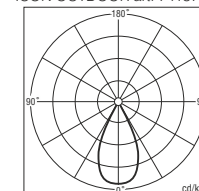
Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
1x0,75mm², L=1500 mm  
Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
1x0,75 mm², L=1500 mm



Dekoratívna saĵla za  
vješanje L=1500mm  
Decorative hanging  
wire l=1500mm



ICON OUTDOOR art. 7413711



# Icon 150 outdoor

Nadgradna LED svjetiljka / Surface mounted LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

**Kućište:** ekstrudirani aluminij obojan termoeпокsidnom bojom

**Standardna boja:** bijela, siva, crna

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision

**Montaža:** vijcima na strop

**Spajanje:** spajanje na priključni kabel l=500 mm

**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, gray, black

**Power:** 230V/50Hz

**Supply unit:** built in the housing

**Light source:** new generation LED, MacAdam 3, CRI>80;

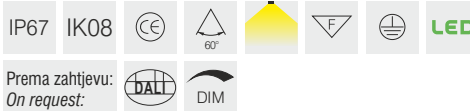
LED min 60.000h L80F50 on Tp=65°C; EEI A++

**Diffuser:** tempered, high resistance Clear Vision glass

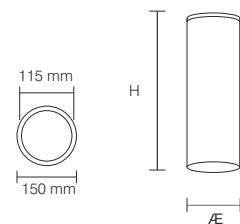
**Mounting:** with screws to the ceiling

**Connecting:** through a supply cable l=500mm

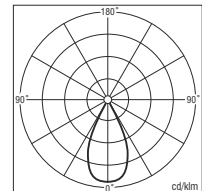
**On request:** regulation unit DALI, DIM (see ordering instructions)



| Art.       | W     | K     | V    | lm        | ÆxH     | kg  |
|------------|-------|-------|------|-----------|---------|-----|
| <b>LED</b> |       |       |      |           |         |     |
| 7421711    | 12,2W | 3K/4K | 230V | 1885/1935 | 150x300 | 3,8 |
| 7421712    | 17,6W | 3K/4K | 230V | 2778/2848 | 150x300 | 3,8 |



ICON OUTDOOR art. 7421711







PROJECT: Residence Rovinj  
PHOTOGRAPHER: Eltor





# Icon 150 outdoor

Viseća LED svjetiljka / Suspended LED luminaire



BIJELA/WHITE (W)



SIVA/GREY (G)



CRNA/BLACK (B)

| Art.       | W     | K     | V    | lm        | ÆxH     | kg  |
|------------|-------|-------|------|-----------|---------|-----|
| <b>LED</b> |       |       |      |           |         |     |
| 7423711    | 12,2W | 3K/4K | 230V | 1885/1935 | 150x300 | 3,8 |
| 7423712    | 17,6W | 3K/4K | 230V | 2778/2848 | 150x300 | 3,8 |

**Kućište:** ekstrudirani aluminij obojan termoepoksidnom bojom  
**Standardna boja:** bijela, siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** kaljeno staklo visoke čvrstoće Clear Vision  
**Montaža:** pomoću visilice s autoblokirnim sistemom (u kompletu)  
**Spajanje:** sa ukrasnom rozetom s napojnim kabelom 3x0,75 mm l=1500 mm  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** white, gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Diffuser:** tempered, high resistance Clear Vision glass  
**Mounting:** hanging on steel suspension with auto block system, max L=1500mm (set included)  
**Connecting:** through decorative box with supply cable 3x0,75 mm l=1500 mm  
**On request:** regulation unit DALI, DIM (see ordering instructions)

IP67

IK08

CE

60°

LED

Prema zahtjevu:  
On request:



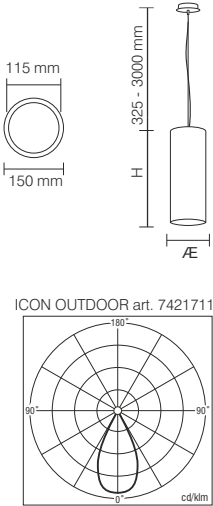
Æ125/100x25 mm  
ukrasna rozeta s prozirnim  
dekorativnim kabelom Æ6 mm  
1x0,75mm², L=1500 mm



Æ125/100x25 mm  
decorative box with decorative  
transparent cable Æ6 mm  
1x0,75 mm², L=1500 mm

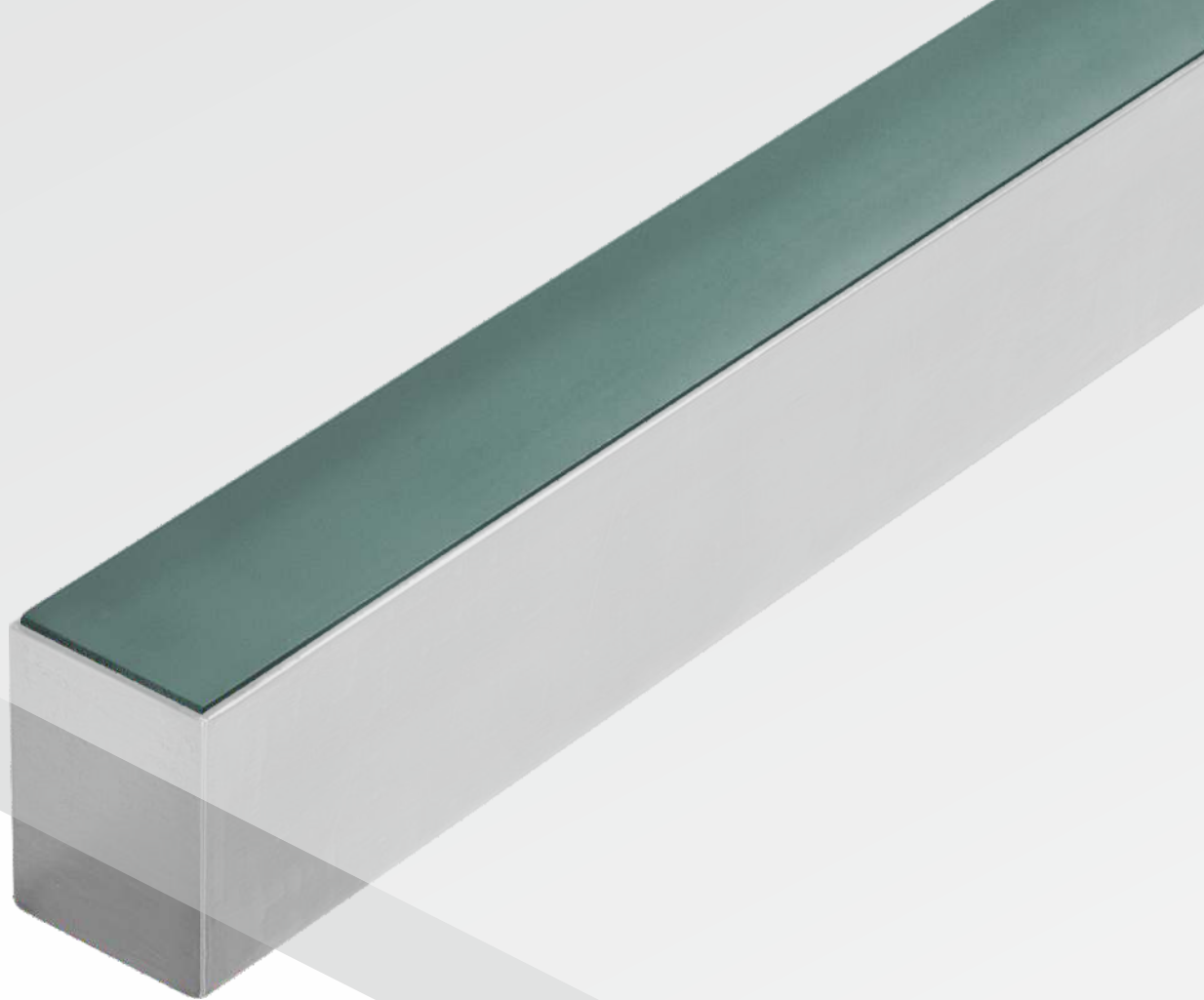


Dekoratívna sajla za  
vješanje L=1500mm  
  
Decorative hanging  
wire l=1500mm



ICON OUTDOOR art. 7421711





# Led Line F

Ugradna podna lampa izrazite čvrstoće i otporna na sve vremenske uvjete.

Satinirano kaljeno staklo debljine 19mm tonirano je u zelenim tonovima te daje oku ugodan odsjaj a istovremeno je otporno na ogrebotine, udarce i velike pritiske, te se savršeno uklapa u sve vanjske prostore kojima je potrebna svjetlosna komponenta.

*Recessed floor luminaire of exceptional hardness and resistant to all weather conditions.*

*Sattinated tempered glass with 19mm thickness is tinted green and emmits eye pleasing illumination, resistant to scratches, blows and great pressures and at the same time it complements perfectly all exterior spaces in need for illumination component.*

NAMJENA / USAGE





# Led line F

Ugradna podna svjetiljka / Recessed floor lamp



**Kućište:** od nehrđajućeg inoxa 316L  
**Napajanje:** 230V/50Hz  
**Električne komponente:** odvojene napojne jedinice (napojne jedinice u kompletu)  
**Izvor svjetla:** LED SMD tehnologije  
**Difuzor:** satinirano kaljeno staklo debljine 19mm  
**Montaža:** ugradnja u kutiju za montažu  
**Spajanje:** izvan svjetiljke na konektore u IP zaštiti  
**Prema zahtjevu:** regulacijska jedinica DALI, DIM (vidi upute za naručivanje)

**Housing:** from rust resistant inox 316L  
**Power:** 230V/50Hz  
**Supply unit:** separate supply units ( supply units included)  
**Light source:** LED with SMD technology  
**Diffuser:** sattinated tempered glass with 19mm thickness  
**Mounting:** inserting in mounting box  
**Connecting:** outside the lamp on IP protected connectors  
**On request:** regulation unit DALI, DIM (see ordering instructions)

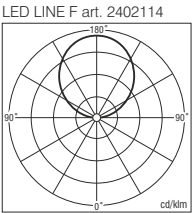
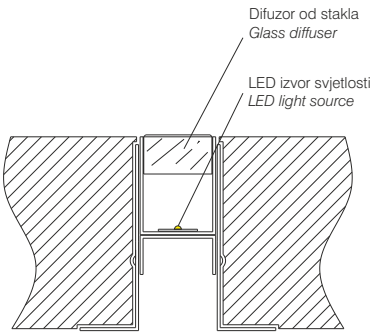
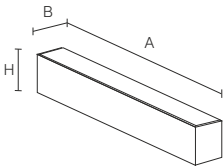
IP67

IK09

LED

Prema zahtjevu:  
On request:

| Art.    | W     | K     | V   | lm        | AxBxH        |
|---------|-------|-------|-----|-----------|--------------|
| LED     |       |       |     |           |              |
| 2747712 | 6,0W  | 3K/4K | 24V | 370/390   | 1200x100x100 |
| 2747772 | 8,0W  | 3K/4K | 24V | 560/590   | 1200x100x100 |
| 2747752 | 17,0W | 3K/4K | 24V | 1130/1170 | 1200x100x100 |



# Mirage

Vanjski dekorativni stupovi izuzetne čvrstoće sa kućištem od INOX-a 316L obojenog termoeпокsidnom bojom idealne su za vanjsku upotrebu te sve vremenske uvjete.

LED izvor svjetlosti zaštićen je transparentnim polikarbonatom velike čvrstoće i izdržljivosti. Montaža se vrši pomoću anker vijaka i temeljne ploče.

*Outdoor decorative bollards of great durability with housing made from INOX 316L, covered with thermal epoxy color ideal for exterior usage and all weather conditions. LED light source is protected with transparent polycarbonate of high durability. Mounting is done with using log bolts and galvanized metal sheet base.*



NAMJENA / USAGE





PROJECT: Stancija Meneghetti  
PHOTOGRAPHER: Eitor





# Mirage

Podna LED svjetiljka / Floor LED pole



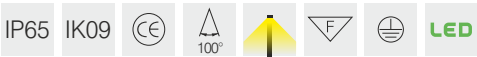
SIVA/GRAY (G)



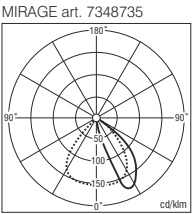
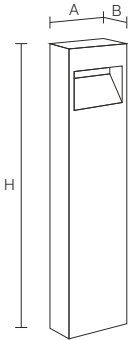
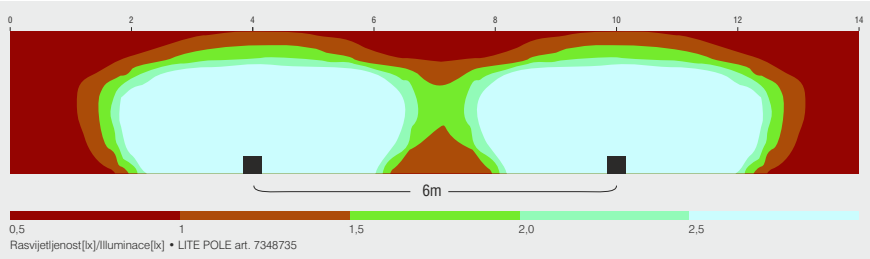
CRNA/BLACK(B)

**Kućište:** od nehrđajućeg inoxa 316L  
**Standardna boja:** siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** zaštitni transparenti polikarbonat  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** na priključni kabel

**Housing:** from rust resistant inox 316L  
**Standard color:** gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Diffuser:** from protective transparent polycarbonate  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
**Connecting:** to connecting cable



| Art.       | W    | K     | V    | lm      | A x B x H   |
|------------|------|-------|------|---------|-------------|
| <b>LED</b> |      |       |      |         |             |
| 7348715    | 3,0W | 3K/4K | 230V | 305/320 | 185x105x350 |
| 7348725    | 6,0W | 3K/4K | 230V | 610/640 | 185x105x500 |
| 7348735    | 6,0W | 3K/4K | 230V | 610/640 | 185x105x800 |



# L-pole

Vanjski dekorativni stupovi izuzetne čvrstoće sa aluminijskim kućištem obojanim vanjskom termoepoksidnom bojom idealne su za vanjsku upotrebu te sve vremenske uvjete.

LED izvor svjetlosti zaštićen je transparentnim polikarbonatom velike čvrstoće i izdržljivosti, dok optičke leće usmjeruju svjetlost i idealno osvijetljavaju puteve i šetališta. Montaža se vrši pomoću anker vijaka i temeljne ploče.

*Outdoor decorative bollards of great durability with housing made extruded aluminium covered with thermal epoxy color ideal for exterior usage and all weather conditions. LED light source is protected with transparent polycarbonate of high durability, while optic lens are ideal for illumination of walkways. Mounting is done with using lag bolts and galvanized metal sheet base.*

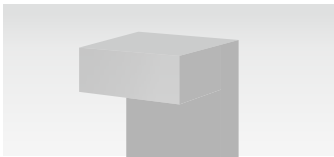
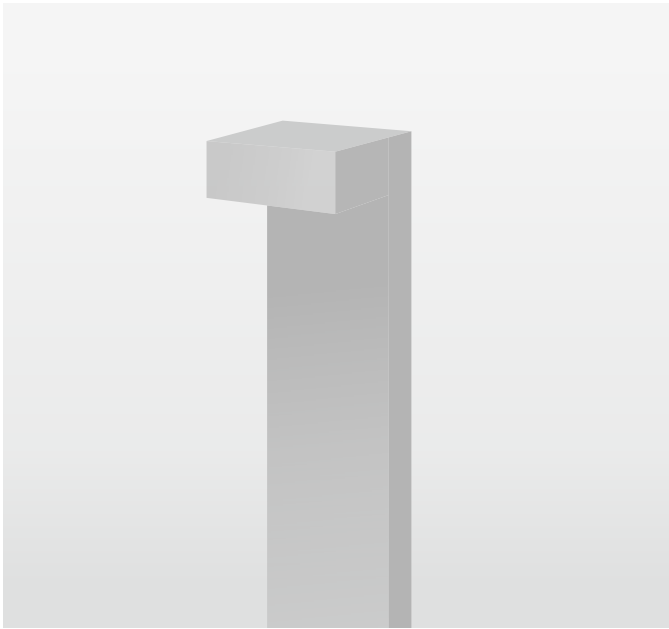


NAMJENA / USAGE

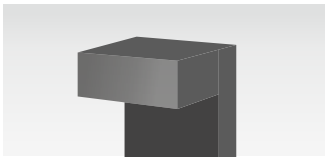


# L\_Pole

Podna LED svjetiljka / Floor LED pole



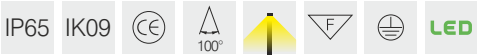
SIVA/GRAY (G)



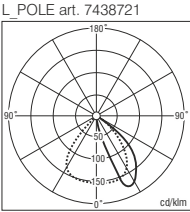
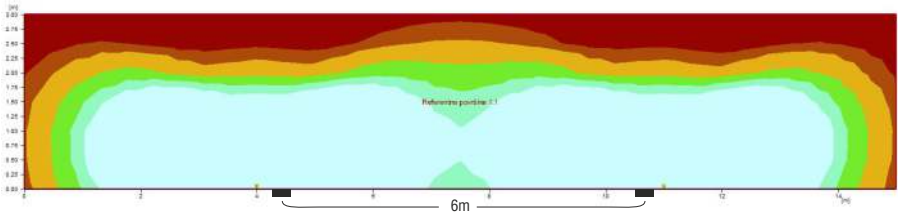
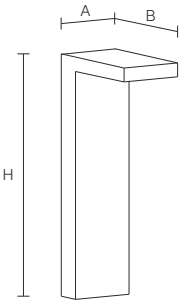
CRNA/BLACK(B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** zaštitni transparenti polikarbonat  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** na priključni kabel

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Diffuser:** from protective transparent polycarbonate  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
**Connecting:** to connecting cable



| Art.       | W    | K     | V    | lm       | A x B x H   |
|------------|------|-------|------|----------|-------------|
| <b>LED</b> |      |       |      |          |             |
| 7438711    | 6,0W | 3K/4K | 230V | 720/880  | 180x180x600 |
| 7438712    | 9,0W | 3K/4K | 230V | 920/1120 | 180x180x600 |
| 7438721    | 6,0W | 3K/4K | 230V | 720/880  | 180x180x800 |
| 7438722    | 9,0W | 3K/4K | 230V | 920/1120 | 180x180x800 |

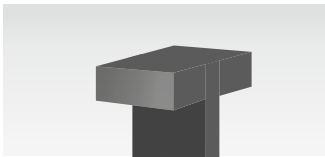


# L\_Pole double

Podna LED svjetiljka / Floor LED pole



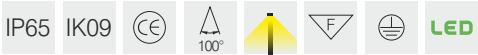
SIVA/GRAY (G)



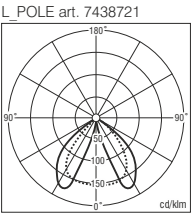
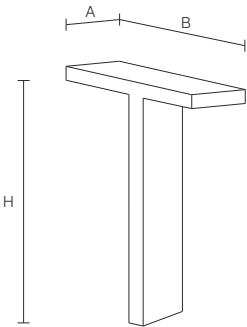
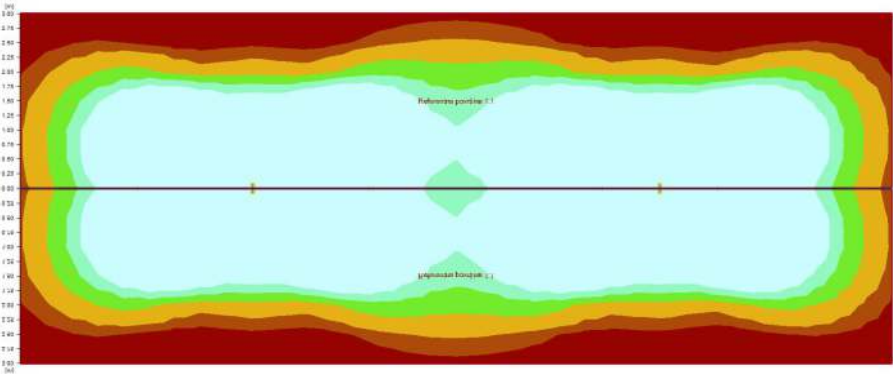
CRNA/BLACK(B)

**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom  
**Standardna boja:** siva, crna  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** zaštitni transparentni polikarbonat  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** na priključni kabel

**Housing:** extruded aluminium covered with thermal epoxy colour  
**Standard color:** gray, black  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Diffuser:** from protective transparent polycarbonate  
**Light source:** new generation LED, MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
**Connecting:** to connecting cable



| Art.       | W      | K     | V    | lm        | A x B x H   |
|------------|--------|-------|------|-----------|-------------|
| <b>LED</b> |        |       |      |           |             |
| 7448711    | 2x6,0W | 3K/4K | 230V | 1440/1760 | 180x310x600 |
| 7448712    | 2x9,0W | 3K/4K | 230V | 1840/2240 | 180x310x600 |
| 7448721    | 2x6,0W | 3K/4K | 230V | 1440/1760 | 180x310x800 |
| 7448722    | 2x9,0W | 3K/4K | 230V | 1840/2240 | 180x310x800 |





# B-Tone

Betonski antivandalski stupić debljine 18 cm, visine 50 cm i širine 30 cm, težine cca 34 kg izrađen od betona tlačne čvrstoće C30/37 razreda izloženosti XC4, XS1, XD2, XA1, XF1. Rubovi betonskog stupića rasvjete skošeni su pod kutem od 45 °, katete 1x1 cm. Obrada betonske površine stupića rasvjete može biti glatka i prana u boji po izboru projektanta. Površina betonskog stupića impregnirana je transparentnom impregnacijom koja je otporna na prljavštinu i mrlje, upijanje vode i ulja. Na impregniranoj površini ne stvara se vidljivi film, bezbojna je i nakon sušenja ne žuti. U stupić prilikom izrade ugrađuje se kutija za elektroinstalacije. Stupić se postavlja na izvedene AB temelje i povezuje anker vijcima.

*Concrete antivandal pole in length 18cm, height 50cm and width 30cm, weight app 34kg made from concrete in compressive strength C30/37 class XC4, XS1, XD2, XA1, XF1. Edges are slanted at 45°, 1x1cm cathetus. Surface treatment can be smooth and washed in color by choice. Area of pole is impregnated by transparent impregnation which is resistant to dirt, water and oil absorption. At surface level no visible trace is left, colorless and won't turn yellow. With box for electrical installations. The pole is mounted at concrete foundation with log bolts.*



NAMJENA / USAGE



# B-tone

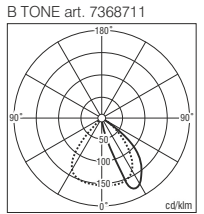
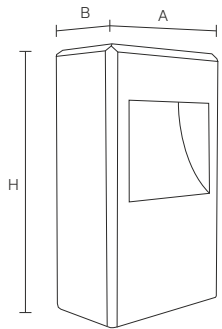
Betonski rasvjetni LED stup / Concrete LED light pole



**Kućište:** od impregniranog betona  
**Standardna boja:** siva,  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije, MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Difuzor:** zaštitni transparentni polikarbonat  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** na priključni kabel

**Housing:** from impregnated concrete  
**Standard color:** gray  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Diffuser:** from protective transparent polycarbonate  
**Light source:** new generation LED, MacAdam 3, CRI>80;  
LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
**Connecting:** to connecting cable

| Art.    | W  | K     | V    | A x B x H   | Kg   |
|---------|----|-------|------|-------------|------|
| 7368711 | 3W | 3K/4K | 230V | 300x180x500 | 34,0 |
| 7368712 | 6W | 3K/4K | 230V | 300x180x500 | 34,0 |







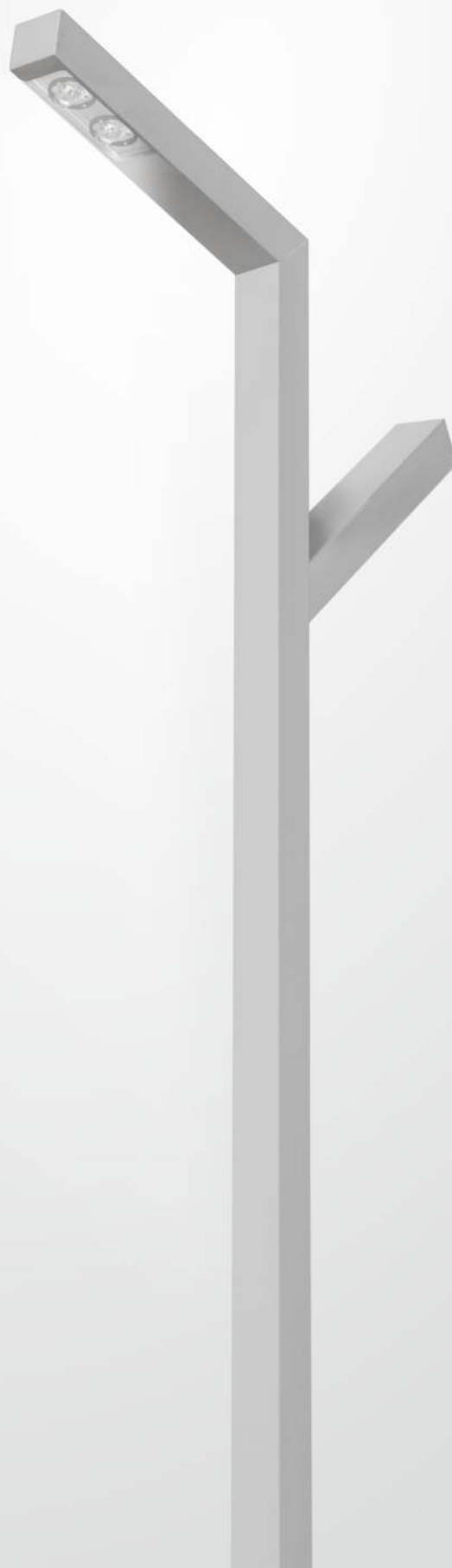
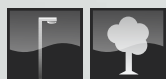
# STATE

## URBAN LIGHTING

Rasvjetni stup visoke kvalitete izrađen od ekstrudiranog aluminijskog profila velike čvrstoće. Osmišljen kao idealno rješenje za rasvjetu prometnica svih vrsta, šetnica, parkova i ostalih prostora gdje je potrebna vanjska rasvjeta te se svojim minimalističkim dizajnom uklapa u svako okruženje. Stup je dizajniran da radi u svim vremenskim uvjetima te je izuzetno otporan na temperaturne varijacije od  $-40^{\circ}\text{C}$  do  $+55^{\circ}\text{C}$ .

*High quality light pole made of high strength extruded aluminum profile. It is designed as an ideal solution for the illumination of all types of roads, walkways, parks and other areas needing outdoor lighting and with its minimalist design fits into any environment. Column is designed to work in all weather conditions and is highly resistant to temperature variations from  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .*

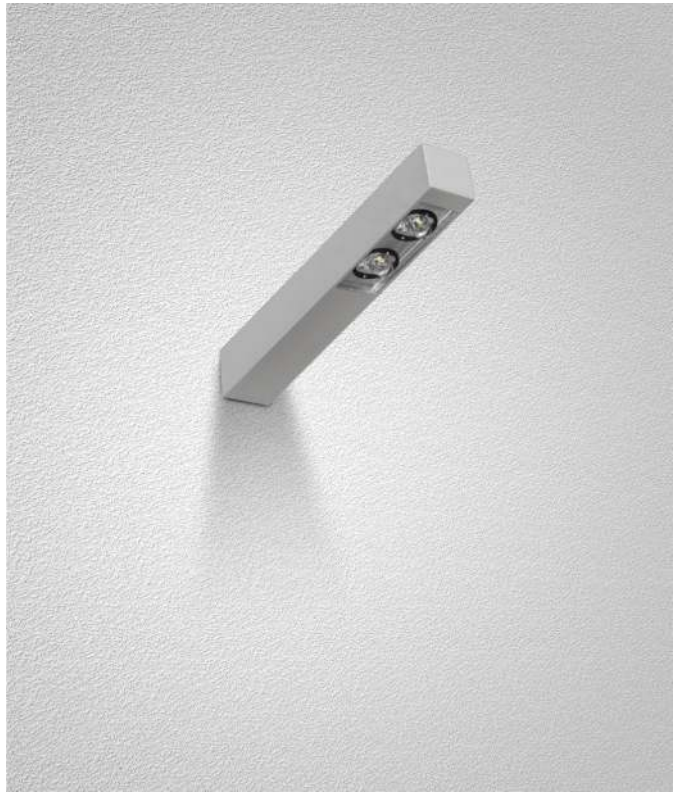
NAMJENA / USAGE





# State wall

Zidni alumijski rasvjetni LED stup / Wall mounted aluminium LED light pole



**Kućište:** ekstrudirani alumijski profil 100x100mm  
**Standardna boja:** siva RAL 9006  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED najnovije generacije s asimetričnom širokosnopnom optikom koji omogućuju visoku efikasnost i učinkovitost (simetrična po zahtjevu art. 426). Životni vijek LED izvora min 60.000h L80F50 na Tp 65°C EEI A++  
**Montaža:** pomoću vijaka na zid s dodatnim nosačem  
**Spajanje:** demontažom poklopca dostupne priključne stezaljke

**Housing:** extruded aluminum profile 100x100mm  
**Standard color:** gray RAL 9006  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** LED latest generation with asymmetric flood optics that allow high efficiency and effectivity (symmetric on request art. 426). Lifetime of LED's 60.000h L80F50 on Tp 65°C  
**Mounting:** with screws to the wall with additional carrier  
**Connecting:** through removing protective cover, connection clamps are available

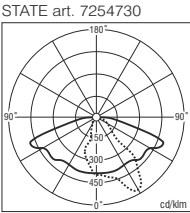
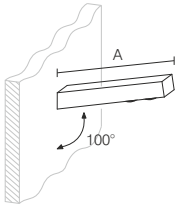
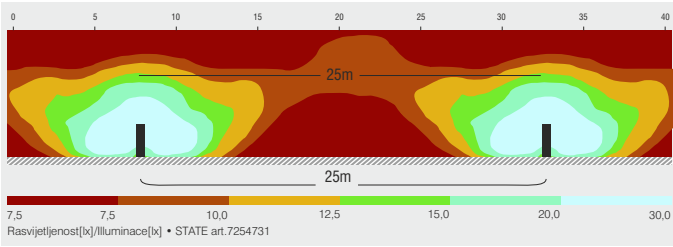
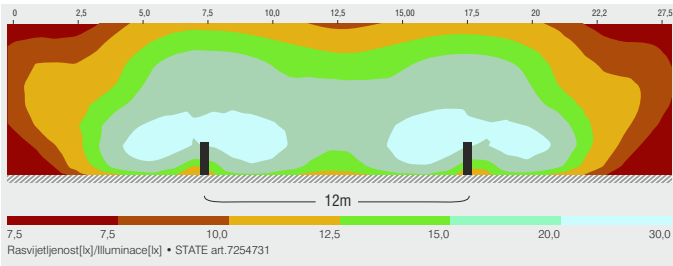
IP65

IK08

CE

LED

| Art.    | W     | K     | lm        | A   |
|---------|-------|-------|-----------|-----|
| LED     |       |       |           |     |
| 7254730 | 20,2W | 3K/4K | 3466/3554 | 700 |
| 7254731 | 35,2W | 3K/4K | 5556/5696 | 700 |
| 7254732 | 51,2W | 3K/4K | 7494/7686 | 700 |



# State mini

Aluminijski rasvjetni LED stup / Aluminium LED light pole



**Kućište:** ekstrudirani aluminijski profil 100x100mm

**Standardna boja:** siva RAL 9006

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije s asimetričnom širokosnopnom optikom koji omogućuju visoku efikasnost i učinkovitost (simetrična po zahtjevu art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 na  $T_p=65^{\circ}\text{C}$ . EEI A++

**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče

**Spajanje:** demontažom poklopca dostupne priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminum profile 100x100mm

**Standard color:** gray RAL 9006

**Power:** 230V/50Hz

**Supply unit:** built in the housing

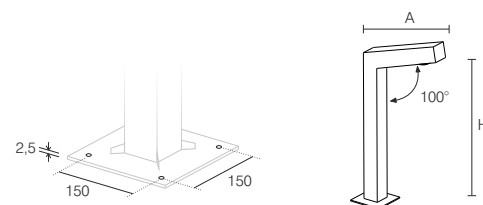
**Light source:** LED latest generation with asymmetric flood optics that allow high efficiency and effectivity (symmetric on request art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 on  $T_p=65^{\circ}\text{C}$ ; EEI A++

**Mounting:** using log bolts and galvanized metal sheet base

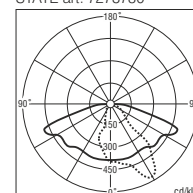
Connecting: through removing protective cover, connection clamps and other electrical components are available



| Art.       | W     | K     | lm        | A x H    |
|------------|-------|-------|-----------|----------|
| <b>LED</b> |       |       |           |          |
| 7278730    | 10,1W | 3K/4K | 1733/1777 | 400x1000 |



STATE art. 7278730







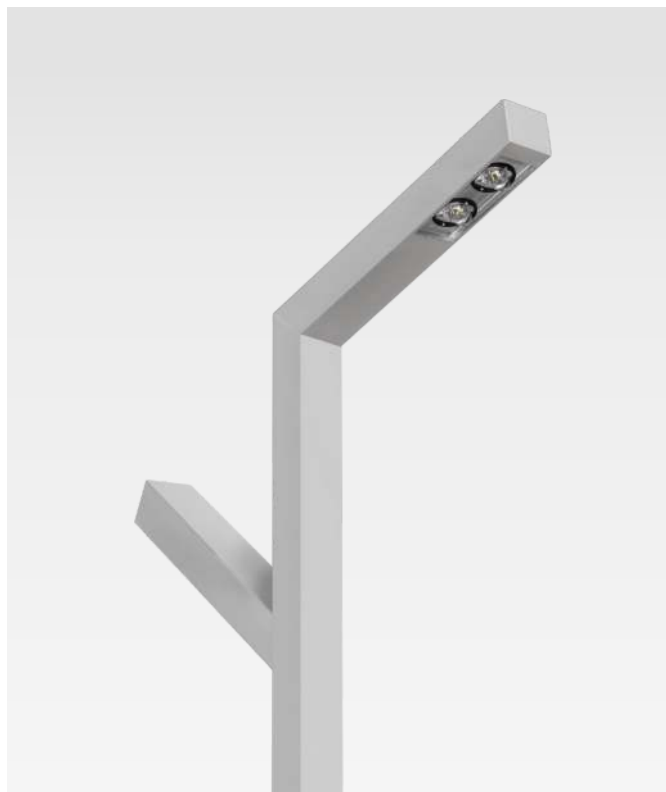
The image shows the exterior of a building with a light-colored, textured stone or concrete facade. A modern, rectangular light fixture is mounted on the wall, emitting a warm glow. The sky above is a clear, deep blue. In the lower right, the name of the building is inscribed in large, raised, dark letters.

ŠKOLSKO-GRADSKA  
SPORTSKA DVORANA  
PAZIN



# State double

Aluminijski rasvjetni LED stup / Aluminium LED light pole



**Kućiste:** ekstrudirani aluminijski profil 100x100mm, nosiva konstrukcija ojačana željeznom strukturom

**Standardna boja:** siva RAL 9006

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED nove generacije s asimetričnom širokosnopnom optikom koji omogućuju visoku efikasnost i učinkovitost (simetrična po zahtjevu art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 na  $T_p=65^\circ\text{C}$ . EEL A++

**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče

**Spajanje:** demontažom poklopca dostupne priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminum profile 100x100mm, columns are reinforced with steel structure

**Standard color:** gray RAL 9006

**Power:** 230V/50Hz

**Supply unit:** built in the housing

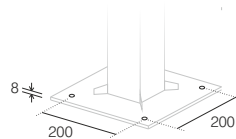
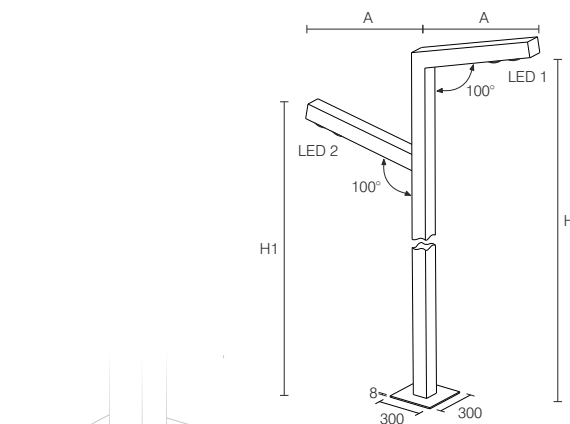
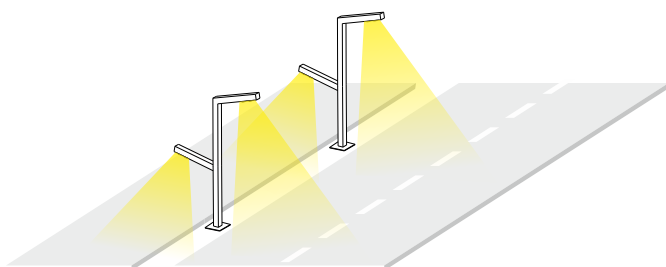
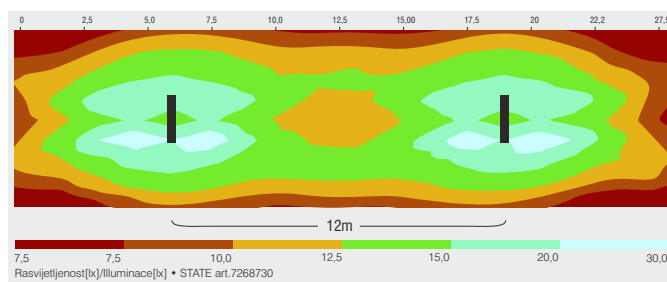
**Light source:** LED latest generation with asymmetric flood optics that allow high efficiency and effectivity (symmetric on request art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 on  $T_p=65^\circ\text{C}$ ; EEL A++

**Mounting:** using log bolts and galvanized metal sheet base

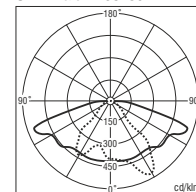
Connecting: through removing protective cover, connection clamps and other electrical components are available



| Art.       | LED 1<br>W | LED 2<br>W | K     | lm                  | A x H / H1    |
|------------|------------|------------|-------|---------------------|---------------|
| <b>LED</b> |            |            |       |                     |               |
| 7268730    | 20,2W      | 35,2W      | 3K/4K | 3466+5556/3554+5696 | 800x4000/3500 |
| 7268731    | 20,2W      | 51,2W      | 3K/4K | 3466+7494/3554+7686 | 800x5000/3500 |

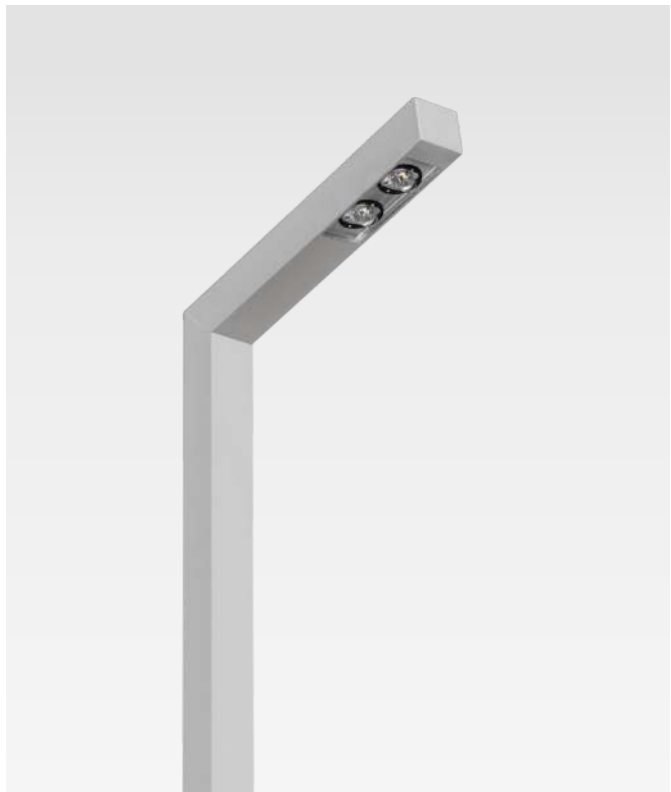


STATE art. 7268730



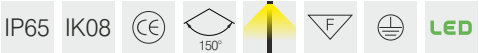
# State single

Aluminijski rasvjetni LED stup / Aluminium LED light pole

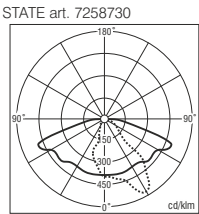
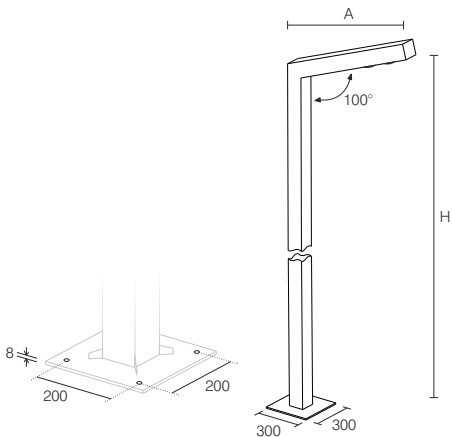
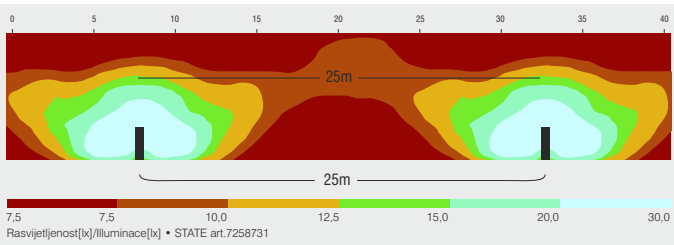
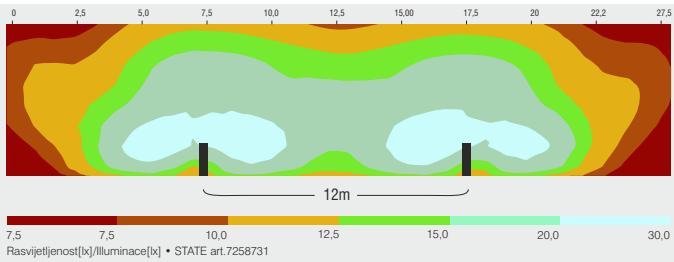


**Kućište:** ekstrudirani aluminijski profil 100x100mm, nosiva konstrukcija ojačana željeznom strukturom  
**Standardna boja:** siva RAL 9006  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije s asimetričnom širokosopnom optikom koji omogućuju visoku efikasnost i učinkovitost (simetrična po zahtjevu art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** demontažom poklopca dostupne priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminum profile 100x100mm, columns are reinforced with steel structure  
**Standard color:** gray RAL 9006  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** LED latest generation with asymmetric flood optics that allow high efficiency and effectivity (symmetric on request art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
**Connecting:** through removing protective cover, connection clamps and other electrical components are available



| Art.    | W     | K     | lm        | A x H    |
|---------|-------|-------|-----------|----------|
| LED     |       |       |           |          |
| 7258730 | 20,2W | 3K/4K | 3466/3554 | 800x3000 |
| 7258731 | 35,2W | 3K/4K | 5556/5696 | 800x4000 |
| 7258732 | 51,2W | 3K/4K | 7494/7686 | 800x5000 |



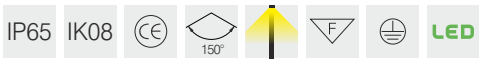
# State double T

Aluminijski rasvjetni LED stup / Aluminium LED light pole

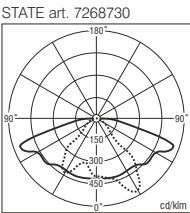
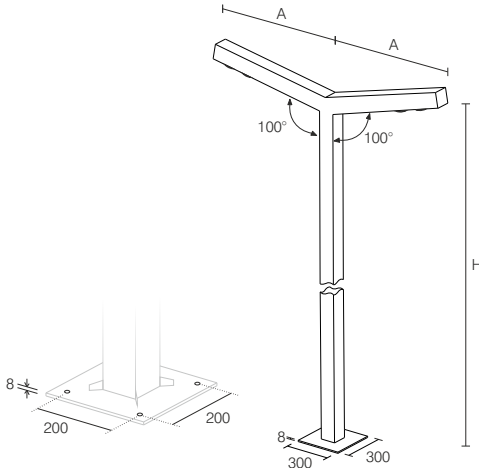
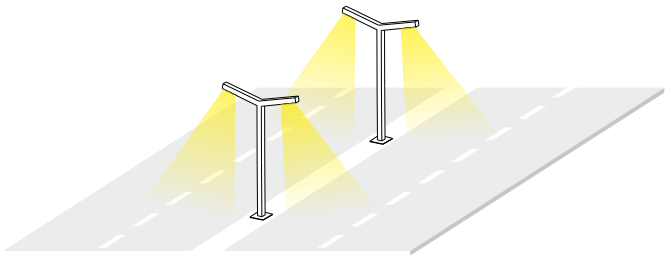
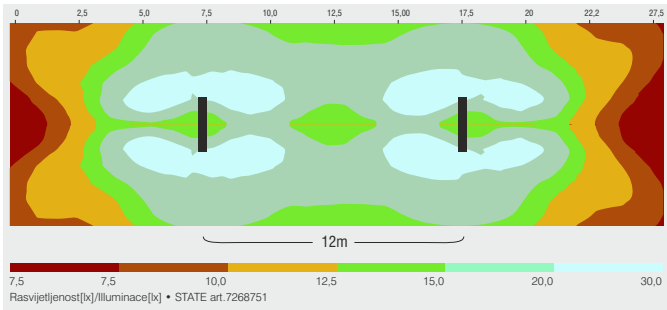


**Kućište:** ekstrudirani aluminijski profil 100x100mm, nosiva konstrukcija ojačana željeznom strukturom  
**Standardna boja:** siva RAL 9006  
**Napajanje:** 230V/50Hz  
**Električne komponente:** ugrađene u kućište  
**Izvor svjetla:** LED nove generacije s asimetričnom širokosnopnom optikom koji omogućuju visoku efikasnost i učinkovitost (simetrična po zahtjevu art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 na Tp=65°C. EEI A++  
**Montaža:** pomoću anker vijaka i temeljne toplocinčane metalne ploče  
**Spajanje:** demontažom poklopca dostupne priključne stezaljke i ostale električne komponente

**Housing:** extruded aluminum profile 100x100mm, columns are reinforced with steel structure  
**Standard color:** gray RAL 9006  
**Power:** 230V/50Hz  
**Supply unit:** built in the housing  
**Light source:** LED latest generation with asymmetric flood optics that allow high efficiency and effectivity (symmetric on request art. 426), MacAdam 3, CRI>80; LED min 60.000h L80F50 on Tp=65°C; EEI A++  
**Mounting:** using log bolts and galvanized metal sheet base  
Connecting: through removing protective cover, connection clamps and other electrical components are available



| Art.    | W       | K     | lm          | A x H / H1 |
|---------|---------|-------|-------------|------------|
| LED     |         |       |             |            |
| 7268751 | 2x35,2W | 3K/4K | 11112/11392 | 800x4000   |
| 7268755 | 2x51,2W | 3K/4K | 14988/15372 | 800x5000   |





Nužna rasvjeta  
Emergency lighting



# Escape

Ugradna LED svjetiljka nužne rasvjete / Recessed emergency LED luminaire



**Kućište:** ekstrudirani aluminij obojen termoeпокsidnom bojom

**Napajanje:** 230V/50Hz

**Električne komponente:** ugrađene u kućište

**Izvor svjetla:** LED SMD tehnologije zelene boje

**Difuzor:** transparentni polikarbonat

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Housing:** extruded aluminium covered with thermal epoxy colour

**Standard color:** white, anodized aluminium, black

**Power:** 230V/50Hz

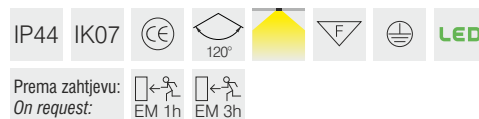
**Supply unit:** built in the housing

**Light source:** LED SMD technology in green colour

**Diffuser:** transparent polycarbonate

**Mounting:** with springs into opening

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire



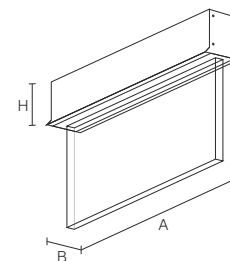
| Art.    | W    | V    | A x B xH   |
|---------|------|------|------------|
| 6232701 | 4,5W | 230V | 330x40x200 |

 Piktogram dolje  
Pictogram down  
**art. 460**

 Piktogram lijevo  
Pictogram left  
**art. 461**

 Piktogram desno  
Pictogram right  
**art. 462**

 Piktogram Exit  
Pictogram Exit  
**art. 463**



# Moto

Ugradna LED svjetiljka nužne rasvjete / Recessed emergency LED luminaire



**Kućiste:** čelični lim obojen termoeпокsidnom bojom

**Standardna boja:** bijela, siva

**Napajanje:** 230V/50Hz

**Električne komponente:** odvojene napojne jedinice ( napojne jedinice u kompletu )

**Izvor svjetla:** LED nove generacije, self-cooling, MacAdam 3, CRI>80;

LED min 60.000h L80F50 na Tp=65°C. EEI A++

**Optika:** Simetrična ili asimetrična leća

**Montaža:** pomoću opruga u otvor

**Spajanje:** priključne stezaljke i ostale električne komponente dostupne su sa stražnje strane svjetiljke

**Housing:** steel sheet metal covered with thermal epoxy colour

**Standard color:** white, grey

**Power:** 230V/50Hz

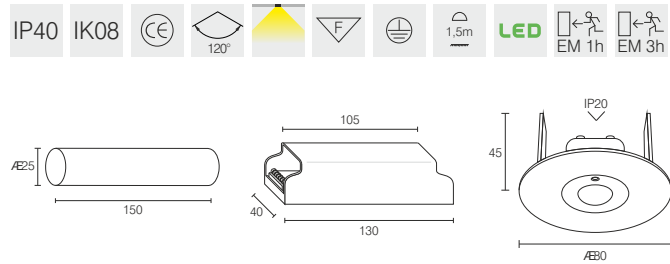
**Supply unit:** separate supply units ( supply units included )

**Light source:** LED

**Optics:** symmetric or asymmetric lens

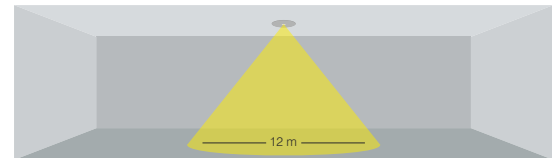
**Mounting:** with spring into ceiling

**Connecting:** connection clamps and all other electronic components are available at the rear side of the luminaire

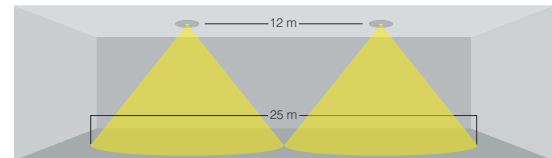


| Artikl<br>Code                         | W  | t  | mode | ÆxH   | kg  |    |
|----------------------------------------|----|----|------|-------|-----|----|
| Asimetrična optika / Asymmetric optics |    |    |      |       |     |    |
| 6152721                                | 1W | 1h | SE   | 80x45 | 1,0 | 70 |
| 6152722                                | 1W | 1h | SA   | 80x45 | 1,0 | 70 |
| 6152723                                | 1W | 3h | SE   | 80x45 | 1,0 | 70 |
| 6152724                                | 1W | 3h | SA   | 80x45 | 1,0 | 70 |
| 6152725                                | 2W | 1h | SE   | 80x45 | 1,0 | 70 |
| 6152726                                | 2W | 1h | SA   | 80x45 | 1,0 | 70 |
| 6152727                                | 2W | 3h | SE   | 80x45 | 1,0 | 70 |
| 6152728                                | 2W | 3h | SA   | 80x45 | 1,0 | 70 |

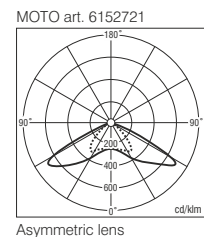
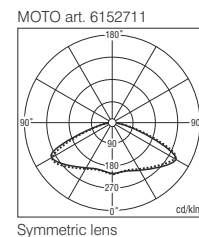
| Artikl<br>Code                       | W  | t  | mode | ÆxH   | kg  |    |
|--------------------------------------|----|----|------|-------|-----|----|
| Simetrična optika / Symmetric optics |    |    |      |       |     |    |
| 6152711                              | 1W | 1h | SE   | 80x45 | 1,0 | 70 |
| 6152712                              | 1W | 1h | SA   | 80x45 | 1,0 | 70 |
| 6152713                              | 1W | 3h | SE   | 80x45 | 1,0 | 70 |
| 6152714                              | 1W | 3h | SA   | 80x45 | 1,0 | 70 |
| 6152715                              | 2W | 1h | SE   | 80x45 | 1,0 | 70 |
| 6152716                              | 2W | 1h | SA   | 80x45 | 1,0 | 70 |
| 6152717                              | 2W | 3h | SE   | 80x45 | 1,0 | 70 |
| 6152718                              | 2W | 3h | SA   | 80x45 | 1,0 | 70 |



Jedan modul: Izlazni put osvijetljen sa 1 lux - H 3m  
Single unit: Exit path illuminated with 1 lux - H 3m



Višestruka instalacija: Izlazni put osvijetljen sa 1 lux - H 3m  
Multiple installation: Exit path illuminated with 1 lux - H 3m





## Sustav upravljanja rasvjetom Light management system

Profesionalna rješenja za najzahtjevnije projekte i zahtjeve najvišeg nivoa, gdje se iziskuje maksimalni nivo komfora korisnika, uz bežičnu tehnologiju koja znatno olakšava korištenje kompletnog DALI sustava.

*Professional solutions for most demanding projects where user comfort is highly considerable, with wireless technology which simplifies usage of DALI system.*







# Odvojene napojne jedinice

Separated supply units

## 24V Napajanja / Power supplies

| Art.              | W   | V   | AxBxH         |
|-------------------|-----|-----|---------------|
| <b>24V</b>        |     |     |               |
| 975               | 25W | 24V | 84x57x29,5    |
| 976               | 35W | 24V | 84x57x29,5    |
| 977               | 75W | 24V | 220x47x44     |
| <b>24V + DALI</b> |     |     |               |
| 990               | 75W | 24  | 220x46,2x43,6 |

## IP65 Napajanja / Power supplies

| Art.        | W    | V    | AxBxH       |
|-------------|------|------|-------------|
| <b>IP65</b> |      |      |             |
| 978         | 30W  | 230V | 220x40x22   |
| 979         | 50W  | 230V | 220x40x22   |
| 980         | 80W  | 230V | 250x50x34   |
| 981         | 120W | 230V | 250x60x39   |
| 982         | 60W  | 230V | 181x61,5x35 |
| 983         | 96W  | 230V | 199x63x35,5 |
| 984         | 150W | 230V | 219x63x35,5 |

## 12V Napajanja / Power supplies

| Art.              | W    | V   | AxBxH     |
|-------------------|------|-----|-----------|
| <b>12V GU 5,3</b> |      |     |           |
| 970               | 70W  | 12V | 128x38x31 |
| 971               | 105W | 12V | 128x38x31 |

## 350mA Napajanja / Power supplies

| Art.                | W   | V     | AxBxH       |
|---------------------|-----|-------|-------------|
| <b>350mA</b>        |     |       |             |
| 950                 | 10W | 350mA | 80x40x21    |
| 951                 | 15W | 350mA | 93x58x26,2  |
| 952                 | 35W | 350mA | 103x67x29,7 |
| <b>350mA + DALI</b> |     |       |             |
| 960                 | 10W | 350mA | 105x70x28,3 |
| 961                 | 15W | 350mA | 167x42x31   |
| 962                 | 35W | 350mA | 120x70x28,3 |

## 700mA Napajanja / Power supplies

| Art.                | W   | V     | AxBxH       |
|---------------------|-----|-------|-------------|
| <b>700mA</b>        |     |       |             |
| 953                 | 10W | 350mA | 80x40x21    |
| 954                 | 15W | 350mA | 93x58x26,2  |
| 955                 | 35W | 350mA | 103x67x29,7 |
| <b>700mA + DALI</b> |     |       |             |
| 963                 | 10W | 350mA | 105x70x28,3 |
| 964                 | 15W | 350mA | 105x70x28,3 |
| 965                 | 35W | 350mA | 120x70x28,3 |

# Opis simbola

## Symbol description

### Tehničke karakteristike

technical description

|                                                                                               |                                                                                       |                                                                                                        |                                                                                                  |                                                                                                          |                                                                       |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  <b>IP40</b> | stupanj zaštite svjetiljke<br><i>ingress protection level</i>                         |                       | vrsta svjetiljke<br><i>type of luminaires</i>                                                    |  <b>0,5m</b>          | preporučena udaljenost svjetiljke<br><i>recommended lamp distance</i> |
|  <b>IK08</b> | stupanj mehaničke zaštite svjetiljke<br><i>IK impact test</i>                         |                       | za ugradnju na normalno zapaljive površine<br><i>for mounting on normally flammable surfaces</i> |  <b>TC-L<br/>2G11</b> | izvor svjetlosti<br><i>type of lamps</i>                              |
|  <b>CEE</b>  | uređaj ispunjava zahtjeve E.E.A.<br><i>appliance complying with E.E.A. regulation</i> |                       | uzemljenje klasa I<br><i>earth connection class I</i>                                            |  <b>60°</b>           | širina svjetlosnog snopa<br><i>light beam angle</i>                   |
|  <b>120°</b> | širina svjetlosnog snopa<br><i>light beam angle</i>                                   |  <b>12, 35<br/>mm</b> | preporučena debljina stropa za montažu<br><i>recommended ceiling thickness for installation</i>  |                                                                                                          |                                                                       |

### Prema zahtjevu

On request

|                                                                                                |                                                                               |                                                                                                   |                                                            |                                                                                     |                                        |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|
|  <b>EM 1h</b> | Panik modul 1h u pripravnom spoju<br><i>Emergency light 1h non maintained</i> |                  | Direkt/indirektna rasvjeta<br><i>Direct/indirect light</i> |  | Potezni prekidač<br><i>Pull switch</i> |
|  <b>EM 3h</b> | Panik modul 3h u pripravnom spoju<br><i>Emergency light 3h non maintained</i> |                  | Daljinski upravljač<br><i>Remote control</i>               |                                                                                     |                                        |
|  <b>DALI</b>  | Regulacijska jedinica DALI<br><i>Regulative Unit DALI</i>                     |  <b>RGB</b>      | RGB boja svjetlosti<br><i>RGB light</i>                    |                                                                                     |                                        |
|  <b>DIM</b>   | Regulacijska jedinica DIM<br><i>Regulative Unit DIM</i>                       |  <b>DIFFUSER</b> | Difuzor u boji<br><i>Diffuser in color</i>                 |                                                                                     |                                        |

### Tablica

Table

|                                                                                                            |                                                                  |                                                                                                 |                                                                   |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|  <b>Artikl<br/>Code</b> | šifra proizvoda za narudžbu<br><i>product code for ordering</i>  |  <b>lm</b>   | svjetlosni tok u [ lm ]<br><i>luminous flux in [ lm ]</i>         |
|  <b>W</b>               | snaga svjetiljke u [ W ]<br><i>lamp power in [ W ]</i>           |  <b>AExH</b> | dimenzije svjetiljke u [ mm ]<br><i>lamp dimensions in [ mm ]</i> |
|  <b>K</b>               | temperatura svjetla u [ K ]<br><i>light temperature in [ K ]</i> |              | montažni otvor u [ mm ]<br><i>montage hole in [ mm ]</i>          |
|  <b>V</b>               | napajanje<br><i>power supply</i>                                 |  <b>kg</b>   | težina svjetiljke u [ kg ]<br><i>lamp weight in [ kg ]</i>        |

### Namjena

Use

|                                                                                                                                                   |                                                                                                                                                                  |                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>stambeni prostori</b><br><i>housing premises</i>           |  <b>škole i konferencijske dvorane</b><br><i>schools and conference rooms</i> |  <b>bolnički prostori</b><br><i>hospital premises</i>                 |
|  <b>industrijski prostori</b><br><i>industrial premises</i>    |  <b>brodska namjena</b><br><i>ship purpose</i>                                |  <b>televizijski studiji</b><br><i>TV studios</i>                     |
|  <b>dekorativni prostori</b><br><i>decorative premises</i>     |  <b>skladišta</b><br><i>warehouses</i>                                        |  <b>galerije</b><br><i>galleries</i>                                  |
|  <b>uredski prostori</b><br><i>office premises</i>             |  <b>sportske dvorane</b><br><i>sport halls</i>                                |  <b>javne površine</b><br><i>public places</i>                        |
|  <b>supermarketi i dućani</b><br><i>supermarkets and shops</i> |  <b>vanjski prostori</b><br><i>outdoor premises</i>                           |  <b>ulazni prostori, koridori</b><br><i>entrance halls, corridors</i> |

# Stupnjevi zaštite

Protection levels

**IP zaštita** (Ingress Protection) označava otpornost svjetiljke na krute i tekuće tvari.  
1. znamenka određuje stupanj zaštite od krutih mehaničkih tijela i prašine  
2. znamenka određuje stupanj zaštite od štetnog djelovanja tekućine

|      |                                                                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP40 | zaštita od krutih tijela<br><i>protection against solid objects</i>                                                                                   |
| 0    | nema zaštite<br><i>not protected</i>                                                                                                                  |
| 1    | zaštita od ulaska krutih tvari $\varnothing > 50\text{ mm}$<br><i>protection against solid objects <math>\varnothing &gt; 50\text{ mm}</math></i>     |
| 2    | zaštita od ulaska krutih tvari $\varnothing > 12,5\text{ mm}$<br><i>protection against solid objects <math>\varnothing &gt; 12,5\text{ mm}</math></i> |
| 3    | zaštita od ulaska krutih tvari $\varnothing > 2,5\text{ mm}$<br><i>protection against solid objects <math>\varnothing &gt; 2,5\text{ mm}</math></i>   |
| 4    | zaštita od ulaska krutih tvari $\varnothing > 1\text{ mm}$<br><i>protection against solid objects <math>\varnothing &gt; 1\text{ mm}</math></i>       |
| 5    | zaštita od prašine<br><i>dust protected</i>                                                                                                           |
| 6    | potpuna zaštita od prašine<br><i>dust tight</i>                                                                                                       |

**IP protection** (Ingress Protection) classifies and rates the degree of protection against intrusion, dust and water  
1st digit indicates the level of protection against ingress of solid objects  
2nd digit indicates the level of protection against harmful ingress of water

|      |                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------|
| IP40 | zaštita od tekućine<br><i>protection against liquids</i>                                                                     |
| 0    | nema zaštite<br><i>not protected</i>                                                                                         |
| 1    | zaštita od kapanja vode<br><i>protection against dripping water</i>                                                          |
| 2    | zaštita od kapanja vode pod kutem $15^\circ$<br><i>protection against dripping water tilted to <math>15^\circ</math></i>     |
| 3    | zaštita od prskanja vode pod kutem do $60^\circ$<br><i>protection against spraying water tilted to <math>60^\circ</math></i> |
| 4    | zaštita od prskanja vode<br><i>protection against spraying water</i>                                                         |
| 5    | zaštita od mlaza vode<br><i>protection against water jets</i>                                                                |
| 6    | zaštita od jakog mlaza vode<br><i>protection against powerful water jets</i>                                                 |
| 7    | zaštita od uronjavanja<br><i>protection against immersion</i>                                                                |
| 8    | zaštita od uronjavanja na dubini $> 1\text{ m}$<br><i>protection against immersion at <math>&gt; 1\text{ m}</math></i>       |

IK ocjena označava zaštitu od vanjskih mehaničkih udaraca. Tablica prikazuje ocjenu zaštite i energiju udara izraženu u [J].  
*IK rating indicates degrees of protection against external mechanical impacts. Table shows IK rating and impact energy in [J].*

|      |                                                                                   |      |                                                                               |
|------|-----------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------|
| IK00 | nema zaštite                                                                      | IK06 | Zaštita od udarca snage 1 džula<br><i>Protected against 1 joules impact</i>   |
| IK01 | Zaštita od udarca snage 0,14 džula<br><i>Protected against 0.14 joules impact</i> | IK07 | Zaštita od udarca snage 2 džula<br><i>Protected against 2 joules impact</i>   |
| IK02 | Zaštita od udarca snage 0,20 džula<br><i>Protected against 0.20 joules impact</i> | IK08 | Zaštita od udarca snage 5 džula<br><i>Protected against 5 joules impact</i>   |
| IK03 | Zaštita od udarca snage 0,35 džula<br><i>Protected against 0.35 joules impact</i> | IK09 | Zaštita od udarca snage 10 džula<br><i>Protected against 10 joules impact</i> |
| IK04 | Zaštita od udarca snage 0,50 džula<br><i>Protected against 0.50 joules impact</i> | IK10 | Zaštita od udarca snage 20 džula<br><i>Protected against 20 joules impact</i> |
| IK05 | Zaštita od udarca snage 0,70 džula<br><i>Protected against 0.70 joules impact</i> |      |                                                                               |

# Vrste svjetiljaka

Type of luminaires



Ugradna stropna svjetiljka  
Direktna uska distribucija  
Kut distribucije svjetla 10°- 25°

*Recessed wall mounted lamp  
Direct narrow distribution  
Light beam angle 10°- 25°*



Ugradna stropna svjetiljka  
direktna srednja/široka distribucija  
Široki kut distribucije svjetlosti 25°- 40°

*Recessed wall mounted lamp  
Direct medium/wide distribution  
Light beam angle 25°- 40°*



Ugradna stropna svjetiljka  
Izrazito široki kut distribucije  
70°- 120°

*Recessed wall mounted lamp  
Direct wide distribution  
Light beam angle 70°- 120°*



Ugradna stropna svjetiljka  
Izrazito široki kut distribucije svjetla  
120°- 170°

*Recessed wall mounted lamp  
Direct wide/diffuse distribution  
Light beam angle 120°- 170°*



Ugradni stropni wallwasher

*Recessed wall mounted wallwasher*



Ugradni stropni reflektor  
Pomični kut distribucije svjetlosti  
Uska distribucija svjetla

*Recessed wall mounted directional spot  
Tiltable  
Narrow distribution*



Ugradni stropni reflektor  
Pomični kut distribucije svjetlosti  
Osrednja distribucija

*Recessed wall mounted directional spot  
Tiltable  
Medium distribution*



Ugradna zidna svjetiljka

*Recessed wall mounted lamp*



Nadgradna stropna svjetiljka  
Direktna uska distribucija  
Kut distribucije svjetla 10°- 25°

*Surface mounted lamp  
Direct narrow distribution  
Light beam angle 10°- 25°*



Nadgradna stropna svjetiljka  
direktna srednja/široka distribucija  
Široki kut distribucije svjetlosti 25°- 40°

*Surface mounted lamp  
Direct medium/wide distribution  
Light beam angle 25°- 40°*



Nadgradna stropna svjetiljka  
Izrazito široki kut distribucije  
70°- 120°

*Surface mounted lamp  
Direct wide distribution  
Light beam angle 70°- 120°*



Nadgradna stropna svjetiljka  
Izrazito široki kut distribucije svjetla  
120°- 170°

*Surface mounted lamp  
Direct wide/diffuse distribution  
Light beam angle 120°- 170°*



Nadgradna stropna svjetiljka  
Izrazito široki kut distribucije svjetla  
170°- 190°

*Surface mounted lamp  
Direct wide/diffuse distribution  
Light beam angle 170°- 190°*



Nadgradni stropni wallwasher

*Surface mounted wallwasher*



Nadgradna zidna svjetiljka

*Surface wall mounted lamp*



Viseća svjetiljka  
Direktna uska distribucija  
Kut distribucije svjetla 10°- 25°

*Suspended lamp  
Direct narrow distribution  
Light beam angle 10°- 25°*



Viseća svjetiljka  
direktna srednja/široka distribucija  
Široki kut distribucije svjetlosti 25°- 40°

*Suspended lamp  
Direct medium/wide distribution  
Light beam angle 25°- 40°*



Viseća svjetiljka  
Izrazito široki kut distribucije  
70°- 120°

*Suspended lamp  
Direct wide distributio  
Light beam angle 70°- 120°*



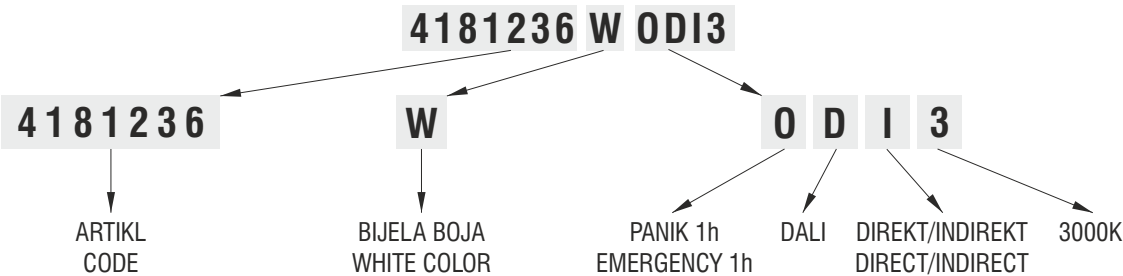
Viseća stropna svjetiljka  
Izrazito široki kut distribucije svjetla  
170°- 190°

*Suspended lamp  
Direct wide/diffuse distribution  
Light beam angle 170°- 190°*



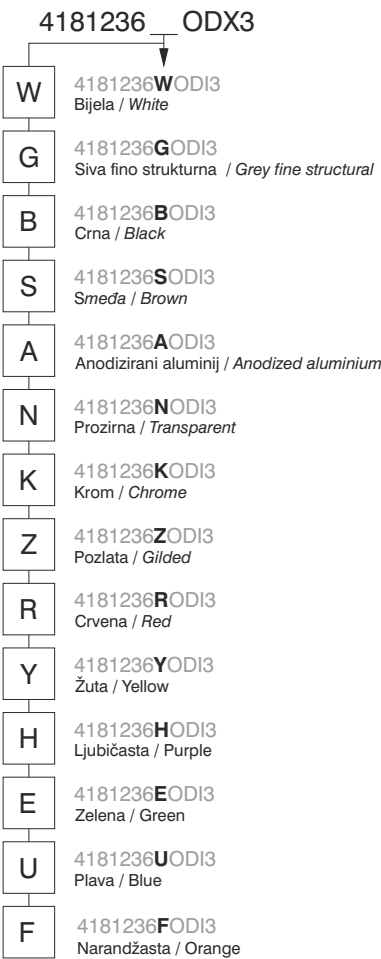
Upute za naručivanje / *Ordering instructions*

Primjer gotovog artikla / *Example of finished Code:*



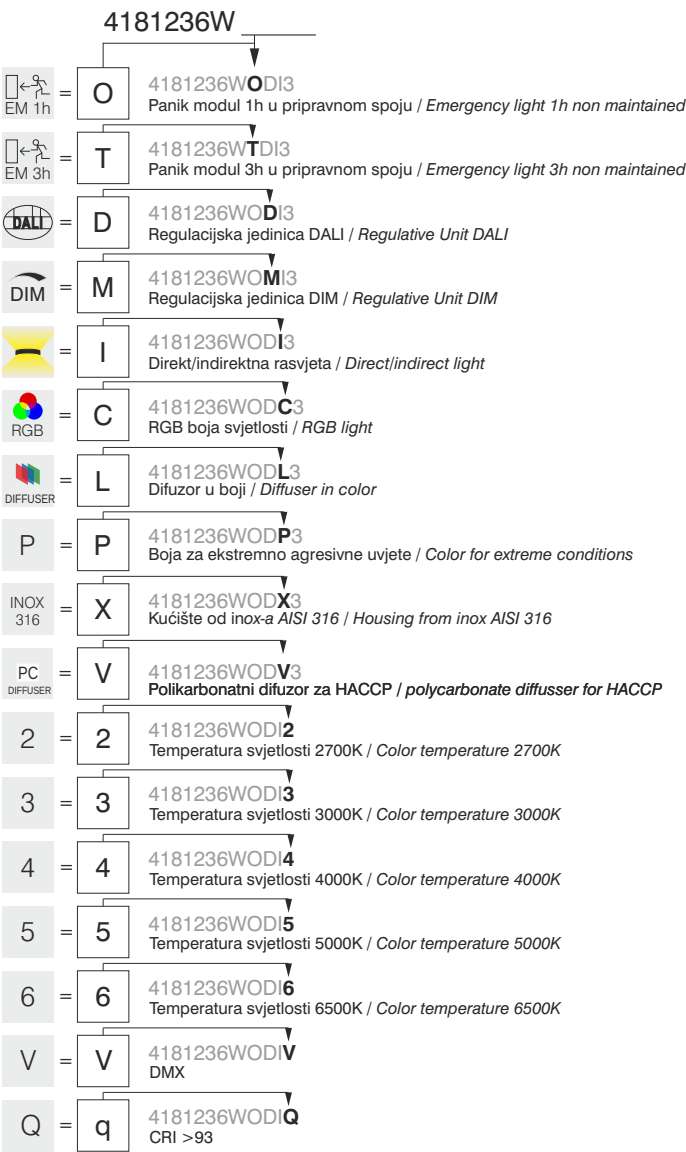
Boja / *Color*

Upisati oznaku boje  
*Enter color code*



Prema zahtjevu / *On request*

Upisati željene oznake po redoslijedu  
*Enter desired codes in order*



Notes: .....



Notes: .....





ELTOR d.o.o.  
Industrijska Ulica 18, Lovrin  
52 000 Pazin - Croatia  
Tel.: 00 382 622 832  
Fax.: 00 385 52 621 298  
eltor@eltor.hr  
www.eltor.hr

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