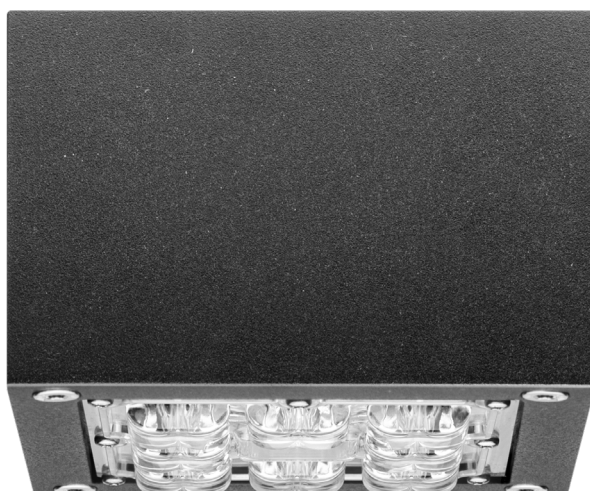
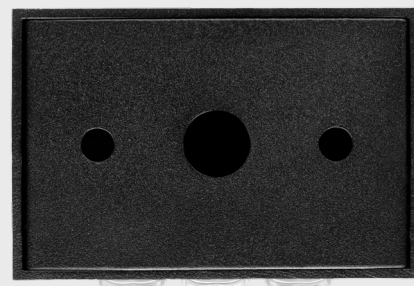
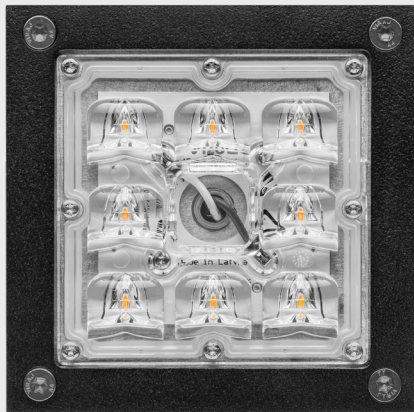
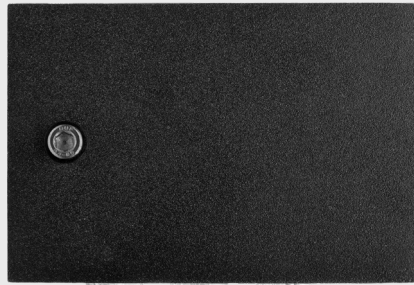


vizULO

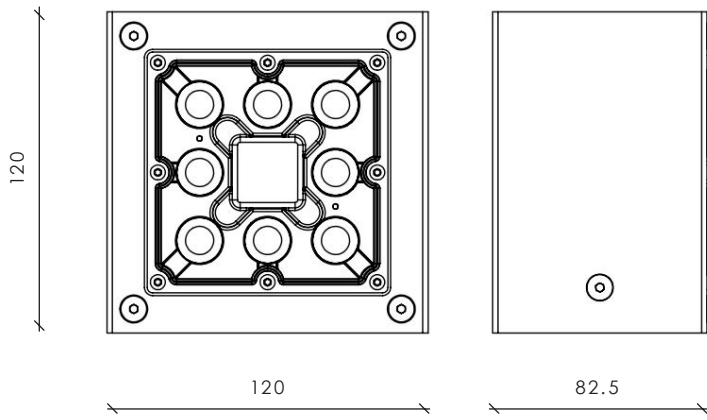


Robin

Robin

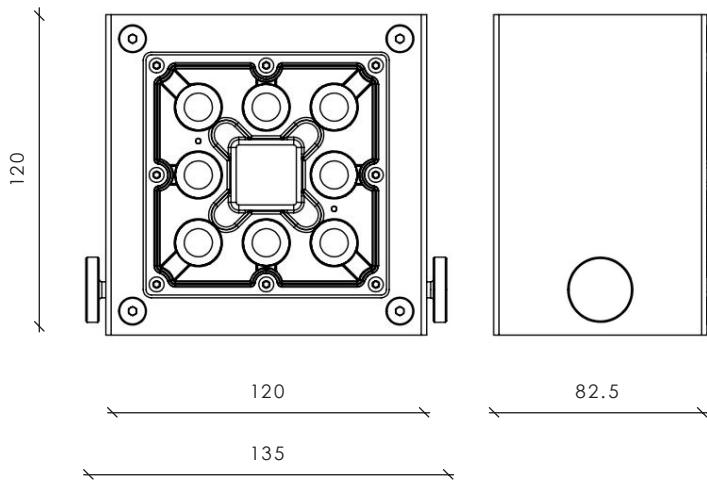


Standard version



Other colors
available on request

Hand screw version



Technical information



RoHS

IP66

IK10



| | | |
|-------------|-----------------------------------|--|
| V | 220 - 240 | DALI / Non dimmable |
| Hz | 50 - 60 | Chromaticity tolerance (initial MacAdam): 5 |
| W | 8 - 26 | Warranty 5 years |
| lm | 913 - 3350 ⁽¹⁾ | 50 000 h (L80B10) at Ta = 25 °C ⁽⁴⁾ |
| lm/W | 106 - 135 | |
| K | 2700 / 3000 / 4000 ⁽²⁾ | |
| °C | -40 to +40 | <i>Surge protection:</i> 2 kV |
| CRI | >70 / >80 ⁽³⁾ | <i>Body:</i> Aluminium |
| | | <i>Max. wind load</i> |
| | | <i>area, SCd, m²:</i> 0,012 |

⁽¹⁾ Lumen output indicated at CRI > 70

⁽²⁾ 1800 / 2200 / 5000 / 5700 / 6500 K available on request;

Amber option available

⁽³⁾ Luminaries with color rendering index (CRI): Ra > 90 on request

⁽⁴⁾ Average lifetime value for ECO model at Ta = 25 °C is 100 000 h L80/B10*

*This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models and will reach 100 000 h L90/B10. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes

ECO

* Data for L01 optic.

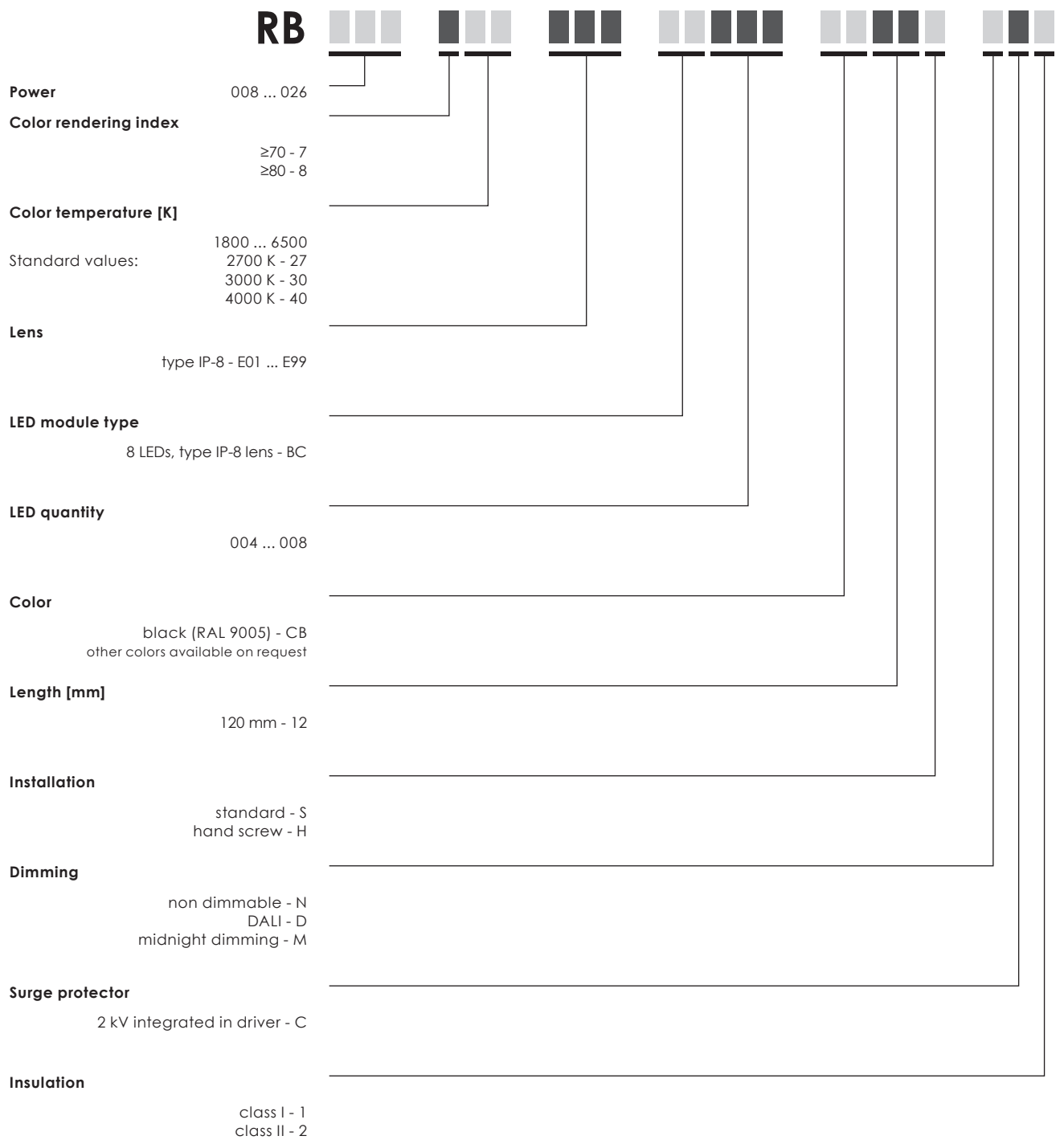
Check VIZULO members section for additional information

4000 K | CRI 70

| Number of LED's | 4 | | | 8 | | |
|----------------------------|------|------|------|------|------|------|
| Nominal current, mA | 270 | 520 | 700 | 270 | 370 | 490 |
| Power, W | 8 | 15 | 20 | 15 | 20 | 26 |
| Luminous Flux, lm | 990 | 1780 | 2290 | 2020 | 2670 | 3350 |
| Efficacy, lm/W | 124 | 119 | 115 | 135 | 134 | 129 |
| Power factor, PF | 0,84 | 0,90 | 0,95 | 0,90 | 0,95 | 0,94 |

| | | | | |
|--------------------|--------|----------|---------------|----------------|
| Luminaire efficacy | 2700 K | 8 - 26 W | 913 - 3090 lm | 106 - 125 lm/W |
| | 3000 K | 8 - 26 W | 990 - 3350 lm | 115 - 135 lm/W |
| | 5000 K | 8 - 26 W | 990 - 3350 lm | 115 - 135 lm/W |
| | 5700 K | 8 - 26 W | 990 - 3350 lm | 115 - 135 lm/W |

Model name principles



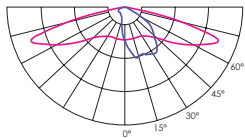
EXAMPLE RB 008 730 E93 BC004 CB12S NC1

Cable core count

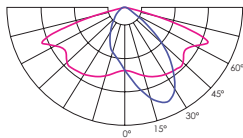
| Socket | Dimming | Model number abbreviation | Input cable core count - Class I | Input cable core count - Class II |
|--------|-------------------------|---------------------------|----------------------------------|-----------------------------------|
| None | None | N | 3 | 2 |
| None | DALI | D | 5 | 4 |
| None | Midnight dimming | M | 3 | 2 |
| None | Midnight dimming + DALI | R | 5 | 4 |

Optics

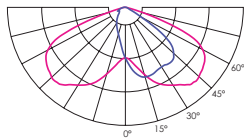
E22



E63



E93

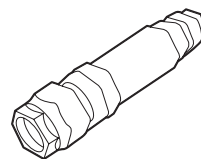


Accessories

Connector

Art. 70000313

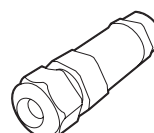
IP66 rated connector offers easy installation of the street luminaires.
3 wire cable connector



Connector

Art. 70000304

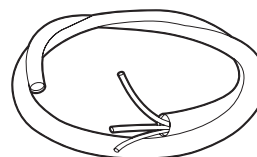
IP66 rated connector offers easy installation of the street luminaires.
5 wire cable connector



Pre-installed cable sets

For internal power supply:

| | |
|------------------------------------|---------------|
| 3 x 1,5 mm - 0,5 m long cable..... | Art. 70000319 |
| 3 x 1,5 mm - 5 m long cable..... | Art. 70000320 |
| 3 x 1,5 mm - 6 m long cable..... | Art. 70000321 |
| 3 x 1,5 mm - 8 m long cable..... | Art. 70000322 |
| 3 x 1,5 mm - 10 m long cable..... | Art. 70000323 |
| 3 x 1,5 mm - 12 m long cable..... | Art. 70000324 |
| 3 x 1,5 mm - 18 m long cable..... | Art. 70000325 |
| 3 x 1,5 mm - 20 m long cable..... | Art. 70000425 |
| 3 x 1,5 mm - 22 m long cable..... | Art. 70000426 |
| 3 x 1,5 mm - 25 m long cable..... | Art. 70000427 |
| 3 x 1,5 mm - 32 m long cable..... | Art. 70000430 |
| 3 x 1,5 mm - 42 m long cable..... | Art. 70000431 |
| 3 x 1,5 mm - 50 m long cable..... | Art. 70000432 |



Pre-installed cable sets

For internal power supply:

| | |
|------------------------------------|---------------|
| 5 x 1,5 mm - 0,5 m long cable..... | Art. 70000305 |
| 5 x 1,5 mm - 5 m long cable..... | Art. 70000316 |
| 5 x 1,5 mm - 6 m long cable..... | Art. 70000317 |
| 5 x 1,5 mm - 8 m long cable..... | Art. 70000318 |
| 5 x 1,5 mm - 10 m long cable..... | Art. 70000306 |
| 5 x 1,5 mm - 12 m long cable..... | Art. 70000307 |
| 5 x 1,5 mm - 18 m long cable..... | Art. 70000308 |
| 5 x 1,5 mm - 20 m long cable..... | Art. 70000428 |
| 5 x 1,5 mm - 22 m long cable..... | Art. 70000429 |
| 5 x 1,5 mm - 25 m long cable..... | Art. 70000429 |
| 5 x 1,5 mm - 32 m long cable..... | Art. 70000433 |
| 5 x 1,5 mm - 42 m long cable..... | Art. 70000434 |
| 5 x 1,5 mm - 50 m long cable..... | Art. 70000435 |



Certification



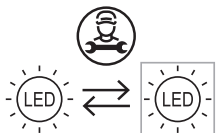
CE – conformity with European Union's health, safety and environmental protection standards.

The CE mark is placed on products to state conformity with the relevant EU health, safety and environmental protection standards. In case of electronic products, the standards are, for example, the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive, Waste Electrical and Electronic Equipment (WEEE) directive, the Electromagnetic Compatibility (EMC) directive etc. The mark ensures that the product can be sold anywhere in the European Economic Area (EEA).

RoHS

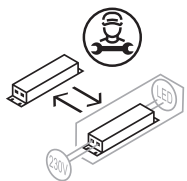
RoHS – compliance with European Union's RoHS directive

The RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive restricts (with exceptions) the use of ten hazardous materials in the manufacture of various types of electronic and electrical equipment. The aim of the directive is to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste.



LED module replaceable by a professional

This pictogram shows that the LED modules included in the luminaire are only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



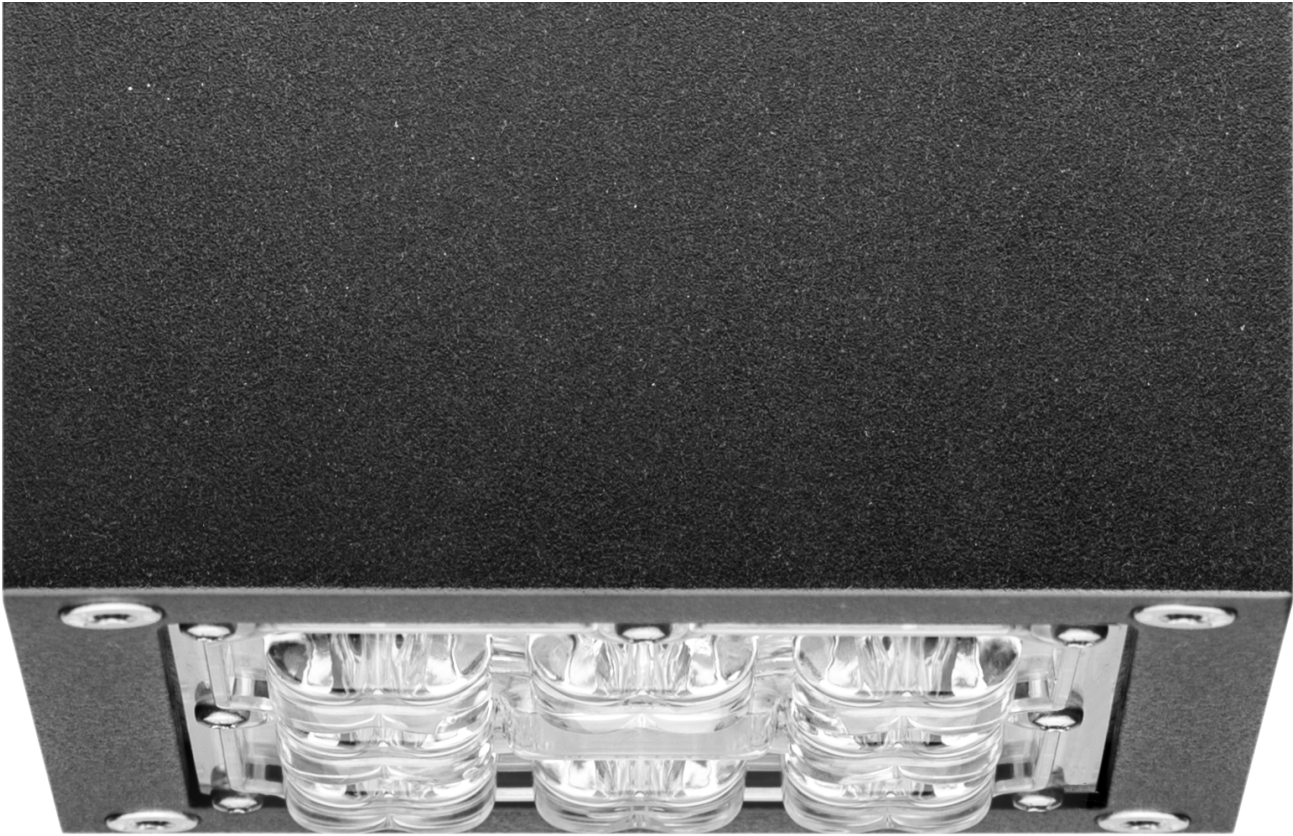
LED driver replaceable by a professional

This pictogram shows that the LED driver included in the luminaire is only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.

References



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 VIZULO

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