# Cestus R Eye



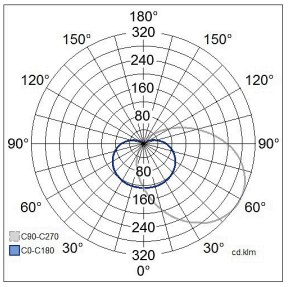
## IP65 IK10 20W/840 PCO ANT R Ey

Outdoors wall luminaire

Cestus R Eye is a wall luminaire with an aluminium housing and polycarbonate diffuser. It is designed for demanding applications where high impact resistance is required. It is suitable for use on exterior walls of residential buildings and it can be installed on both new and renovated buildings. The luminaire is available as models with an integrated LED and an E27 base.

Cestus R Eye Outdoors wall luminaire 20W 4000K 800lm No dim; IP65; IK10; Protection cl. I; L70B50 50000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 3x2.5mm²; Housing al; Colour ant; Cover Plastic, opal; C16 max. 55

Stocked: Yes




| IP65 IK10 20W/840 PCO ANT R Ey | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4510223 | 4510223 | 1.71 | Cestus R Eye |

# IP65 IK10 20W/840 PCO ANT R Ey

EC002892 Ceiling / wall luminaire

| Mounting | |
|---|---|
| Suitable for wall mounting | Yes |
| Suitable for suspended mounting | No |
| Suitable for ceiling mounting | No |
| Suitable for recessed mounting | No |
| Suitable for surface mounting | Yes |
| Suitable for light line configuration | No |
| Suitable for clamp-mounting | No |
| Fit for workplace acc. EN 12464-1 | No |
| Degree of protection (IP) | IP65 |
| Degree of protection (IP), rear side | IP65 |
| Degree of protection (IP), front side | IP65 |
| Max. number of luminaires per miniature circuit breaker C10 (MCB) | 36 |
| Max. number of luminaires per miniature circuit breaker B16 | 36 |
| Max. number of luminaires per miniature circuit breaker C16 | 55 |
| Impact strength | IK10 |
| Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24 | Yes |
| Suitable for emergency lighting | No |
| Emergency function monitoring system | None |
| Luminaire may be covered with thermally insulating material | - |
| Type of wiring | Suitable for through wiring |
| Number of poles | 3 |
| Conductor cross section (mm²) | 2.5 mm² |
| Connection type | Screwed terminal |
| Connectable conductor cross section (min) (mm²) | 1.5 mm² |
| Connectable conductor cross section (max) (mm²) | 2.5 mm² |

| Structure | |
|---|---|
| With mounting material | Yes |
| Lamp type | LED not exchangeable |
| Light source included | Yes |
| Suitable for number of lamps | 1 |
| Lamp holder | Other |
| Housing material | Aluminium |
| Housing surface protection | Powder coating |
| Housing colour | Anthracite |
| Cover material | Plastic, opal |
| Type of grid | Matt |
| Control gear included | Yes |
| Exchangeable control gear | Yes |
| Energy efficiency class of light source according to EU regulation 2019/2015 | G |
| Containing product according to 2019/2020/EU | Yes |
| Emergency power supply system | None |
| Emergency power supply integrated | No |
| With switch | No |
| With air slots | No |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |

| Electrotechnical data | |
|---|---|
| Voltage type | AC |
| Nominal voltage (min) (V) | 220 V |
| Nominal voltage (max) (V) | 230 V |
| Nominal current (min) (mA) | 100 mA |
| Nominal current (max) (mA) | 100 mA |
| Type of control gear | Not required |
| Protection class according to IEC 61140 | I |
| Suitable for lamp power (min) (W) | 20 W |
| Suitable for lamp power (max) (W) | 20 W |
| Luminaire efficacy (min) (lm/W) | 40 lm/W |
| Luminaire efficacy (max) (lm/W) | 40 lm/W |
| Maximum system power (W) | 20 W |
| Luminaire efficacy (lm/W) | 40 lm/W |
| Power factor | 0.9 |
| Total harmonic distortion (THD) (%) | 20 % |
| Total harmonic distortion | 20 THD |

| Dimming and control | |
|---|---|
| Dimmable | No |
| Dimming 0-10 V | No |
| Dimming 1-10 V | No |
| Dimming DALI | No |
| Dimming DALI-2 | No |
| Dimming DMX | No |
| Dimming DSI | No |
| Dimming LineSwitch | No |
| Dimming manufacturer's proprietary system | No |
| Dimming mains voltage modulation | No |
| Dimming trailing edge | No |
| Dimming leading edge | No |
| Dimming programmable | No |
| Dimming potentiometer (integrated) | No |
| Dimming RF | No |
| Dimming Sine Wave Reduction | No |
| Dimming Touch and Dim | No |
| Dimming Zigbee | No |
| Dimming with push-button | No |
| No dimming function | Yes |
| With presence indicator | No |
| With movement sensor | No |
| With light sensor | No |
| Constant luminous flux control | No |
| Bluetooth operated | No |
| Compatible with Casambi | No |
| Compatible with Apple HomeKit | No |
| Compatible with Google Assistant | No |
| Compatible with Amazon Alexa | No |
| IFTTT support available | No |

| Photometric data | |
|---|---|
| Light distributor | Diffuser lens/optic/panel |
| Light sharing | Symmetric |
| Beam angle | Open beam |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Light outlet | Direct |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 800 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 800 lm |
| Colour of light (alphanumeric) | White |
| Effective luminous flux (lm) | 800 lm |
| Colour temperature (min) (K) | 4000 K |
| Colour temperature (max) (K) | 4000 K |
| Flickering value Pst LM | 1 |
| Colour rendering index (CRI/Ra) | 80-89 |
| Stroboscope effect value SVM | 0.4 |
| Photobiological safety according to EN 62471 | RG1 |
| Colour temperature switchable | No |
| Lumen setting adjustable | No |
| Beam angle adjustable | No |

| Lifetime and capacity | |
|---|---|
| Rated life time L70/B50 at 25 °C (h) | 50000 h |
| Rated life time L80/B50 at 25 °C | 35000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 80 % |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 70 % |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 5 % |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 10 % |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | -25 °C |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 25 °C |

| Measurements | |
|---|---|
| Width (mm) | 261 mm |
| Height/depth (mm) | 149 mm |
| Length (mm) | 261 mm |
| Outer diameter (mm) | 261 mm |