# Futura Max

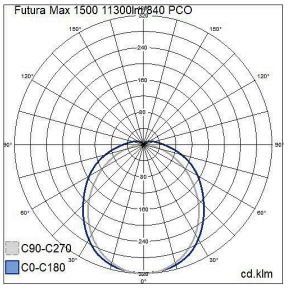


## 1500 IP66 IK10 11300lm/840 PCO

Sealed industrial luminaire

An energy-efficient industrial luminaire for unheated warehouses, freezer rooms and premises with high temperatures. Resistant to fluctuations in the ambient temperature. Excellent impact strength. Wall brackets and lighting track brackets are available as accessories. Please also read about the other luminaires in the Futura range: Futura PC, Futura Abs ja Futura NB.

Futura Max Sealed industrial luminaire 71W 4000K 11300lm No dim; IP66; IK10; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; Through-wired; 5x2.5mm²; Housing Plastic; Colour gr; Cover Plastic, opal




Stocked: No

| 1500 IP66 IK10 11300lm/840 PCO | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4338546 | 4338546 | 4 | Futura Max |

# 1500 IP66 IK10 11300lm/840 PCO

EC002892 Ceiling / wall luminaire

| Mounting | |
|---|---|
| Suitable for wall mounting | No |
| Suitable for suspended mounting | No |
| Suitable for ceiling mounting | Yes |
| Suitable for recessed mounting | No |
| Suitable for surface mounting | Yes |
| Suitable for light line configuration | No |
| Suitable for clamp-mounting | Yes |
| Fit for workplace acc. EN 12464-1 | No |
| Degree of protection (IP) | IP66 |
| Degree of protection (IP), rear side | IP66 |
| Degree of protection (IP), front side | IP66 |
| Max. number of luminaires per miniature circuit breaker C10 (MCB) | 10 |
| Max. number of luminaires per miniature circuit breaker B16 | 10 |
| Max. number of luminaires per miniature circuit breaker C16 | 16 |
| 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 |
| Type of wiring | Through-wired |
| Number of poles | 5 |
| Conductor cross section (mm²) | 2.5 mm² |
| Connection type | Screwless 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 | Plastic |
| Housing surface protection | Plastic-coated |
| Housing colour | Grey |
| Cover material | Plastic, opal |
| Type of grid | None |
| Control gear included | Yes |
| Exchangeable control gear | Yes |
| Energy efficiency class of light source according to EU regulation 2019/2015 | C |
| 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 | 850 °C - 30 s |

| Electrotechnical data | |
|---|---|
| Voltage type | AC |
| Nominal voltage (min) (V) | 220 V |
| Nominal voltage (max) (V) | 240 V |
| Nominal current (min) (mA) | 293 mA |
| Nominal current (max) (mA) | 324 mA |
| Type of control gear | LED operating device current-controlled |
| Protection class according to IEC 61140 | I |
| Suitable for lamp power (min) (W) | 71 W |
| Suitable for lamp power (max) (W) | 71 W |
| Luminaire efficacy (min) (lm/W) | 159 lm/W |
| Luminaire efficacy (max) (lm/W) | 159 lm/W |
| Maximum system power (W) | 71 W |
| Luminaire efficacy (lm/W) | 159 lm/W |
| Power factor | 0.9 |
| Total harmonic distortion (THD) (%) | 10 % |
| Total harmonic distortion | 10 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 |
| Light outlet | Direct |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 11300 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 11300 lm |
| Colour of light (alphanumeric) | White |
| Effective luminous flux (lm) | 11300 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 | RG0 |
| Unified Glare Rating (UGR) | 22 |
| Colour temperature switchable | No |
| Lumen setting adjustable | No |
| Beam angle adjustable | No |

| Lifetime and capacity | |
|---|---|
| Rated life time L70/B50 at 25 °C (h) | 100000 h |
| Rated life time L80/B50 at 25 °C | 50000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 95 % |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90 % |
| Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 85 % |
| 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) (%) | 5 % |
| Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 10 % |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | -40 °C |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 60 °C |

| Measurements | |
|---|---|
| Width (mm) | 145 mm |
| Height/depth (mm) | 100 mm |
| Length (mm) | 1452 mm |