

OCULUS LED ENDURA 75°C 26600LM 840 IP66 I KL. GLASS 105D SP10KV 203W

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|--------------------------|-------------------------|
| Index: | 963506 |
| Ingress protection: | IP66 |
| Impact resistance: | IK09 |
| Nominal power [W]: | 203 |
| Luminous flux [lm]*: | 26600 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | >80 |
| SDCM: | ≤ 3 |
| Energy efficiency class: | C |
| Material of the body: | powder coated aluminium |

CHARACTERISTICS

OCULUS LED is a HIGH-BAY luminaire from the NEXT GEN product line, constituting a new generation of luminaires dedicated to LED technology. The designed-from-scratch body – made of die-cast aluminium and powder coated – uses natural conduction and convection processes, which have a positive effect on luminaire's heat management. The shape of the body with an integrated, effective heat sink and high-quality materials ensure maximum heat dissipation from the LED module. The external driver compartment, separated from the body, connected to the lamp with a 10-meter cable guarantees optimal thermal conditions for the power supply system. This makes it possible to work the lamp at an ambient temperature of max + 75°C, and the driver + 45°C. LEDs from a reputable manufacturer and new LED modules enable high luminous efficiency: max 140 lm/W. This guarantees that the required lighting level and significant energy savings are achieved. The diffuser and optical system are composed of precise linear lenses made of polycarbonate (PC). There are 3 dedicated ranges of light distribution available: 55°, 75°, 105°. Version with tempered glass (without lenses) and 105° distribution is also available. Standard equipped with a H07RN-F cable terminated with an additional male and female connector, which makes the assembly easier and more convenient. Its design is adapted for suspended mounting.

APPLICATION

The luminaire is intended for suspended mounting (using chains, wires, etc.) both indoors and outdoors. It will prove perfect for manufacturing plants and halls as well as large-format warehouses and logistics centres.

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TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|-------------------------|--|---|
| Index: | 963506 | Dimensions (H/W/T/S) [mm]: | 106/371 |
| Nominal power [W]: | 203 | Working temperature [°C]: | from -20 to +75 (luminair) / from -20 to +45 (driver) |
| Rated power of the luminaire [W]: | 193.80 | Cable length [m]: | 10 |
| Luminous flux [lm]: | 26600 | Dimensions of single box [mm]: | 135/372/372 |
| Colour temperature [K]: | 4000 | Net weight [kg]: | 6.100 |
| Diffuser material: | tempered glass | AC voltage range [V]: | 198-264 |
| Diffuser type: | transparent | DC voltage range [V]: | 176-280 |
| Material of the body: | powder coated aluminium | Luminous efficacy [lm/W]: | 131 |
| Frequency [Hz]: | 50 - 60 | LED lifespan L70B50 [h]: | 103000 |
| Energy efficiency class: | C | LED lifespan L80B20 [h]: | 65000 |
| Colour rendering index: | >80 | LED lifespan L90B10 [h]: | 32000 |
| SDCM: | ≤ 3 | ETIM class: | EC001716 |
| Power factor: | 0.99 | The number of implement units: | 2 |
| Beam angle [°]: | 105 | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Surge protection [kV]: | 4 | Warranty [years]: | 5 |
| Colour of the body: | grey | CE certificate: | 155/2023 |
| Ingress protection: | IP66 | PZH certificate: | B-BK-60212-0481/21 |
| Impact resistance: | IK09 | Environmental Product Declaration (EPD): | 816/2025 |
| Electrical protection class: | I | Manual: | Download PDF |
| Mounting version: | suspended | Pliik LDT: | Download |

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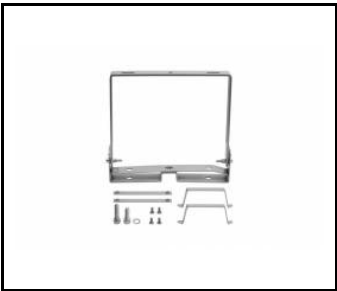
DETAILED CARD

ACCESSORIES AVAILABLE

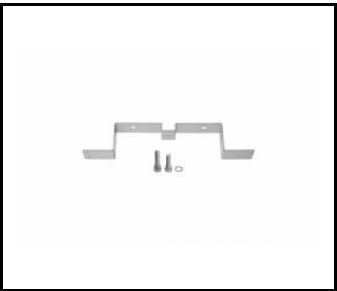
| index | Name |
|--------|---|
| 964244 | OCULUS LED - RCR motion sensor |
| 964886 | OCULUS LED - universal handle-lack of compatibility with Dali version 294W |
| 964893 | OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W |
| 964862 | OCULUS LED - protective grid |



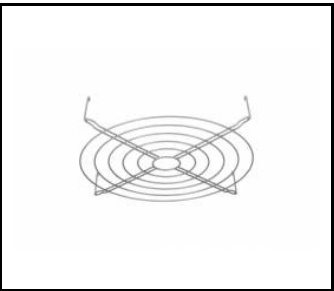
OCULUS LED - RCR motion sensor (964244)



OCULUS LED - universal handle-lack of compatibility with Dali version 294W (964886)



OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)



OCULUS LED - protective grid (964862)