

# OCULUS LED MINI ECO 30700LM 840 IP65 I KL. GLASS 105D SP10KV 200W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 977978 |
| <b>Ingress protection:</b>                | IP65   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 200    |
| <b>Luminous flux [lm]*:</b>               | 30700  |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Colour rendering index:</b>            | >80    |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | C      |

## CHARACTERISTICS

Economical version of the HIGH-BAY type luminaire from the NEXT GEN line, constituting a new generation of lamps in LED technology. The body designed from scratch, made of die-cast aluminum and powder coated, uses natural conduction and convection processes, which have a positive effect on the lamp's thermal management. The shape of the body with an integrated, efficient radiator and high-quality materials ensure maximum heat dissipation from the LED module. The external driver chamber, separated from the body, guarantees optimal thermal operating conditions for the power supply system. Thanks to this, the lamp can operate at an ambient temperature of up to 65°C.

5050 LEDs from a renowned manufacturer and new LED modules have an impact on very high luminous efficacy, especially in the HE version. This guarantees achieving the required lighting level and significant energy savings. The lampshade and optical system are new, precise linear lenses made of PC polycarbonate. A 105° light distribution is available in the GLASS version with tempered glass (without lenses) and PC (polycarbonate). The fixture is terminated with electrical wires (which, in order to obtain IP65 tightness of the connection, require a tight connector). The lamp's construction is adapted for suspended mounting using a threaded, eyelet hook, supplied in the set. The fixture should be suspended using a dedicated cord or chain (not included).

## APPLICATION

The luminaire is designed for surface mounting (ceiling and wall) using additional accessories and suspended using chains, ropes, etc. both inside and outside buildings. It will work great in factories and production halls as well as large-area warehouses and logistics centers.

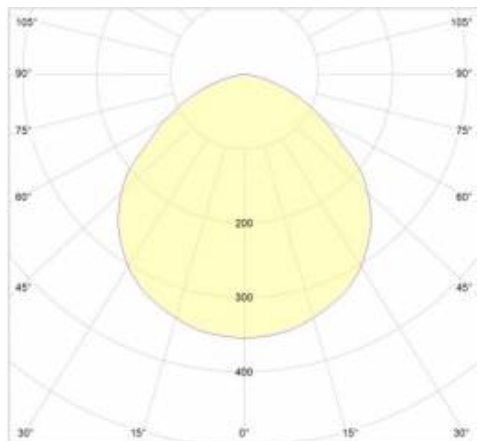
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## TECHNICAL PARAMETERS TABLE

|  |               |                                       |                              |
|--|---------------|---------------------------------------|------------------------------|
| <b>Index:</b>                            | 977978        | <b>Diffuser material:</b>             | tempered glass               |
| <b>EAN:</b>                              | 5905963977978 | <b>Diffuser type:</b>                 | transparent                  |
| <b>Nominal power [W]:</b>                | 206           | <b>Material of the body:</b>          | powder coated aluminium      |
| <b>Rated power of the luminaire [W]:</b> | 200           | <b>Colour of the body:</b>            | grey                         |
| <b>Luminous flux [lm]:</b>               | 30700         | <b>Dimensions (H/W/T/S) [mm]:</b>     | 130/320                      |
| <b>Supply voltage [V]:</b>               | 220 - 240     | <b>Impact resistance:</b>             | IK08                         |
| <b>Frequency [Hz]:</b>                   | 50-60         | <b>Ingress protection:</b>            | IP65                         |
| <b>Luminous efficacy [lm/W]:</b>         | 153           | <b>Mounting version:</b>              | suspended                    |
| <b>Energy efficiency class:</b>          | C             | <b>Working temperature [°C]:</b>      | od -25 do +65                |
| <b>Electrical protection class:</b>      | I             | <b>Diode size [mm]:</b>               | 5050                         |
| <b>Colour temperature [K]:</b>           | 4000          | <b>Cable length [m]:</b>              | 0.20                         |
| <b>Colour rendering index:</b>           | >80           | <b>Accessories included:</b>          | Eye bolt                     |
| <b>SDCM:</b>                             | ≤ 3           | <b>Dimensions of single box [mm]:</b> | 140/350/350                  |
| <b>Power factor:</b>                     | 0.98          | <b>Number on the palette [pcs]:</b>   | 46                           |
| <b>LED lifespan L70B50 [h]:</b>          | 157000        | <b>Net weight [kg]:</b>               | 2.310                        |
| <b>LED lifespan L80B20 [h]:</b>          | 98000         | <b>Light distribution type:</b>       | lamertian                    |
| <b>LED lifespan L90B10 [h]:</b>          | 45000         | <b>Warranty [years]:</b>              | 5                            |
| <b>Beam angle [°]:</b>                   | 105           | <b>CE certificate:</b>                | <a href="#">115/2024</a>     |
| <b>Surge protection [kV]:</b>            | 10            | <b>Manual:</b>                        | <a href="#">Download PDF</a> |

## LIGHT CURVES



Card creation date: 08 October 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 115/2024



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