# OCULUS LED P2 34650LM 840 IP66 I KL. 55D SP10KV 206W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 963827 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Nominal power [W]:** | 206 |
| **Luminous flux [lm]*:** | 34650 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | C |

## CHARACTERISTICS

OCULUS LED is a HIGH-BAY luminaire from the NEXT GEN product line, which is a new generation of luminaires dedicated to 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 heat efficiency. The shape of the body with an integrated, effective heatsink and high-quality materials ensure maximum heat dissipation from the LED module. The driver's external compartment, separated from the body, guarantees optimal thermal working conditions for the power supply system. This enables the luminaire to work in an ambient temperature of max 60°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency: max 160 lm/W. This guarantees that the required lighting level and significant energy savings are achieved. Standard luminaire is equipped with a 0.3 m long H07RN-F cable terminated with an additional male and female connector, which makes the assembly easier and more convenient.
Its construction is adapted for mounting:
- on the lighting pole, mast (P1 – Ø 60-120mm),
- on the lighting pole, mast - to the crossbar; surface (P2).

## APPLICATION

The luminaire is designed to illuminate open spaces: parking lots, squares, sports facilities.

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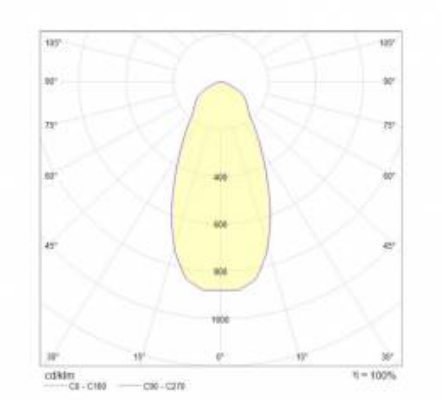
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 963827 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 206 |
| **Rated power of the luminaire [W]:** | 224 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 34650 |
| **Luminous efficacy [lm/W]:** | 160 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.98 |
| **Surge protection [kV]:** | 4 |
| **Diffuser material:** | PC |
| **Diffuser type:** | transparent |
| **Optics material:** | PC |
| **Optics:** | lens |
| **Material of the body:** | powder coated aluminium |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 106/371 |

| | |
|---|---|
| **Impact resistance:** | IK09 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | to the crossbar; surface |
| **Working temperature [°C]:** | from -25 to +45 |
| **Cable length [m]:** | 0.30 |
| **Net weight [kg]:** | 4.756 |
| **Category type:** | floodlights |
| **Category of application:** | industrial |
| **AC voltage range [V]:** | 198-264 |
| **DC voltage range [V]:** | 176-280 |
| **LED lifespan L70B50 [h]:** | 108000 |
| **LED lifespan L80B10 [h]:** | 71000 |
| **LED lifespan L90B10 [h]:** | 33000 |
| **Version:** | P2 |
| **The number of implement units:** | 2 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 89/2020 |
| **PZH certificate:** | B-BK-60212-0481/21 |
| **Environmental Product Declaration (EPD):** | 816/2025 |
| **Manual:** | Download PDF |
| **Plik LDT:** | Download |

## LIGHT CURVES

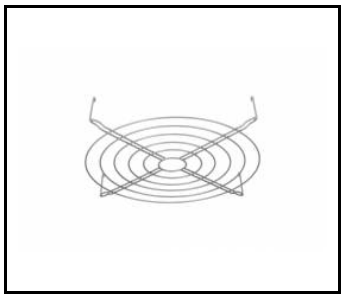


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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 964862 | OCULUS LED - protective grid |



OCULUS LED - protective grid (964862)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 89/2020

LENA LIGHTING

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