# OCULUS LED MINI UGR DALI 15900LM 840 IP66 I CL. SP10KV 109W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK08 |
| **Rated power of the luminaire [W]*:** | 109 |
| **Luminous flux [lm]*:** | 15900 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Material of the body:** | powder coated aluminium |
| **Diffuser material:** | PC |

## CHARACTERISTICS

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 the 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 driver's external compartment, separated from the body, guarantees optimal thermal working conditions for the power supply system. This enables the luminaire to work at an ambient temperature of max 55°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency. This guarantees that the required lighting level and significant energy savings are achieved. The diffuser and optical system are composed of precise lenses made of polycarbonate (PC). Standard 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 design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.
A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes.

## APPLICATION

The luminaire is designed for suspended mounting using chains, ropes, etc. and with the use of additional accessories also surface-mounted (ceiling and wall) indoors. It works perfectly in factories and production halls as well as large-scale warehouses and logistics centers.

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## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 561351 |
| **Rated power of the luminaire [W]:** | 109 |
| **Luminous flux [lm]:** | 15900 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous efficacy [lm/W]:** | 146 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.98 |
| **LED lifespan L70B50 [h]:** | 196000 |
| **LED lifespan L80B10 [h]:** | 123000 |
| **LED lifespan L90B10 [h]:** | 60000 |
| **Beam angle [°]:** | 55 |
| **Surge protection [kV]:** | 4 |
| **Diffuser material:** | PC |
| **Diffuser type:** | transparent |
| **Diffuser colour:** | transparent |

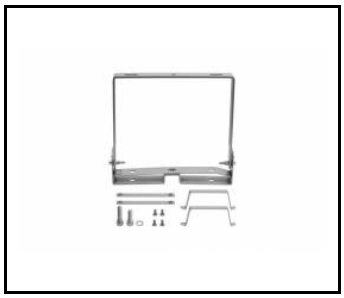
| | |
|---|---|
| **Optics material:** | PC |
| **Optics:** | lens |
| **Material of the body:** | powder coated aluminium |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 107/320 |
| **Impact resistance:** | IK08 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | 55 |
| **DIMM DALI:** | yes |
| **Cable length [m]:** | 0.30 |
| **Net weight [kg]:** | 2.330 |
| **Warranty [years]:** | 5 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 157/2023 |
| **PZH certificate:** | B-BK-60212-0481/21 |
| **Environmental Product Declaration (EPD):** | 816/2025 |
| **Manual:** | Download PDF |
| **Additional accessories:** | OCULUS LED MINI- PIR / RCR DALI sensor complete (967047) |
| **Plik LDT:** | Download |

# OCULUS LED MINI UGR DALI 15900LM 840 IP66 I CL. SP10KV 109W

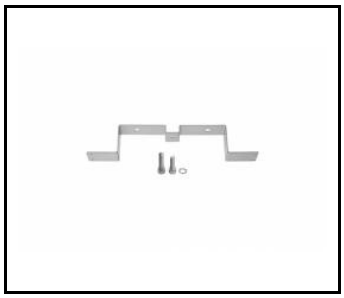
DETAILED CARD

## ACCESSORIES AVAILABLE

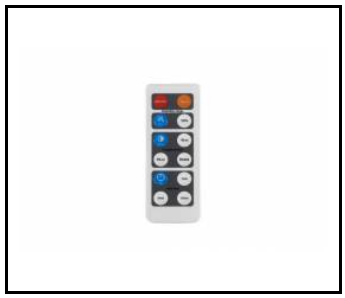
| index | Name |
|---|---|
| 964886 | OCULUS LED - universal handle-lack of compatibility with Dali version 294W |
| 964893 | OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W |
| WSEL438 | Remote control for motion sensor HD01R |
| WSEL415 | WSEL415 Remote control for - PIR sensor |
| 967054 | OCULUS LED MINI- RCR sensor -complete |
| 967047 | OCULUS LED MINI- PIR / RCR DALI sensor complete |
| 561399 | OCULUS LED MINI- safety net kit |
| 561382 | OCULUS LED- safety net kit |



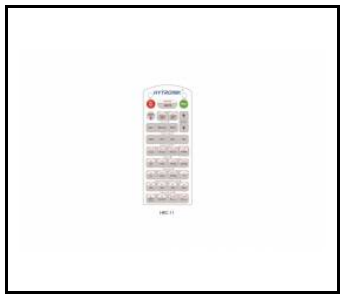
OCULUS LED - universal handle-lack of compatibility with Dali version 294W (964886)



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



Remote control for motion sensor HD01R (WSEL438)



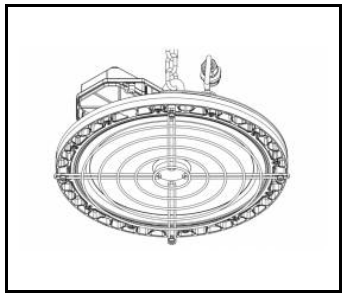
WSEL415 Remote control for - PIR sensor (WSEL415)



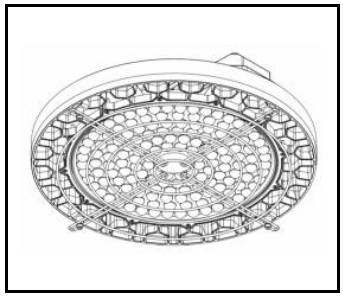
OCULUS LED MINI- RCR sensor - complete (967054)



OCULUS LED MINI- PIR / RCR DALI sensor complete (967047)



OCULUS LED MINI- safety net kit (561399)



OCULUS LED- safety net kit (561382)

Card creation date: 10 July 2025

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: 157/2023

LENA LIGHTING

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