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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

**Electrical protection class:** 

 Ingress protection:
 IP66

 Impact resistance:
 IK09

 Rated power of the luminaire [W]\*:
 109

 Luminous flux [Im]\*:
 15900

 Colour temperature [K]:
 4000

 Colour rendering index:
 >80

 SDCM:
 ≤ 3

Material of the body: powder coated aluminium

Colour of the body: grey

### **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 60°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:	561252
Rated power of the luminaire [W]:	109
Luminous flux [Im]:	15900
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	146
Energy efficiency class:	С
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤3
Power factor:	0.98
LED lifespan L70B50 [h]:	196000
LED lifespan L80B20 [h]:	123000
LED lifespan L90B10 [h]:	60000
Beam angle [°]:	55
Surge protection [kV]:	4
Diffuser material:	PC
Diffuser type:	transparent
Optics material:	PC

lens
powder coated aluminium
grey
106/371
IK09
IP66
surface, suspended
from -25 to +60
yes
0.30
3.420
Risk Group 1 (no photobiological hazard under normal behavioral limitation)
5
154/2023
B-BK-60212-0481/21
852/2004
816/2025
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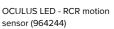
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#### **ACCESSORIES AVAILABLE**

index	Name
964244	OCULUS LED - RCR motion sensor
963674	OCULUS LED - RCR / PIR DALI motion sensor







OCULUS LED - RCR / PIR DALI motion sensor (963674)