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

DETAILED CARD



### 

#### **TECHNICAL PARAMETERS**

Ingress protection:	IP66	
Impact resistance:	IK09	
Rated power of the luminaire [W]*:	109	
Luminous flux [lm]*:	15900	
Colour temperature [K]:	4000	
Colour rendering index:	80	
SDCM:	≤ 3	
Electrical protection class:	I	
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:Spi221Optics material:PCRated power of the luminaire [W]:109Optics:lensLuminous flux [Im]:15900Material of the body:powder coated aluminiumSupply voltage [V]:220-240Colour of the body:greyFrequency [Hz]:50-60Dimensions (H/W/T/S) [mm]:106/371Luminous efficacy [m/W]:146Impact resistance:IK09Energy efficiency class:CMounting version:IR06Colour endering index:4000Working temperature [C]:3420SDCM:0.98New eight [kg]:3420Power factor:196000Sinternity [warshi]:5LED lifespan L80B20 [h]:60000Certificate:1542/223Beam angle [1]:55PZ1542/203Surge protection [kV]:4HACCP:852/204Diffuser type:transparentSinternity Foduct Declaration (EPD)Diffuser type:transparentSinternity Foduct Declaration (EPD)				1
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	Surge protection [kV]:	4	HACCP:	<u>852/2004</u>
Diffuser type: transparent Manual: Download PDF	Diffuser material:	PC	Environmental Product Declaration (EPD):	<u>816/2025</u>
	Diffuser type:	transparent	Manual:	Download PDF

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LIGHTING

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

DETAILED CARD

#### ACCESSORIES AVAILABLE

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



OCULUS LED - RCR motion sensor (964244)



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

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 and electronic waste equipment regulations (WEEE).

