

OCULUS LED 16450LM 840 IP66 I KL. 75D SP10KV 101W

HIGH-BAY AND LOW-BAY

LED



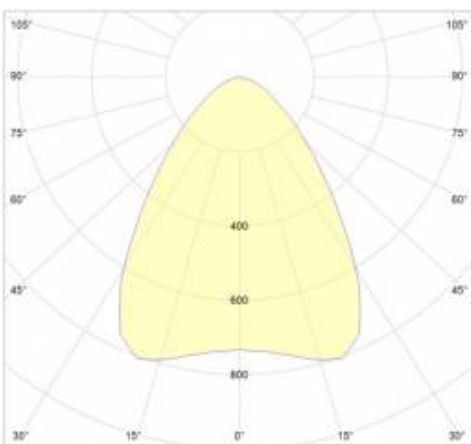
LED | IK09

TECHNICAL PARAMETERS

Index:	963902
Nominal power [W]:	101
Luminous flux [lm]*:	16450
Colour temperature [K]:	4000
Energy efficiency class:	A++
Material of the body:	powder coated aluminium
Diffuser material:	PC
Diffuser type:	transparent
Optics material:	PC

*Tolerance +/- 10%

LIGHT CURVES



CHARACTERISTICS

OCULUS LED is 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 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 in an ambient temperature of max 60°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency: max 176 lm/W. This guarantees that the required lighting level and significant energy savings are achieved. The diffuser and optical system are composed of precise linear lenses made of polycarbonate (PC). There are 3 dedicated ranges of light distribution available: 55°, 75°, 105°. GLASS version with tempered glass (without lenses) and 105° distribution is also available.

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.

APPLICATION

The luminaire is intended for suspended mounting (using chains, wires, etc.) both indoors and outdoors. It will prove perfect for manufacturing plants and halls as well as large-format warehouses and logistics centres.

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TECHNICAL PARAMETERS TABLE

Light source:	LED module	Mounting version:	suspended
Nominal power [W]:	101	Working temperature [°C]:	from -25 to +60
Rated power of the luminaire [W]:	106.30	Cable length [m]:	0.30
Frequency [Hz]:	50 - 60	Net weight of the luminaire [kg]:	3.428
Luminous flux [lm]:	16450	Index:	963902
Luminous efficacy [lm/W]:	155	Category type:	high-bay and low-bay
Energy efficiency class:	A++	AC voltage range [V]:	198-264
Colour temperature [K]:	4000	DC voltage range [V]:	176-280
Colour rendering index:	>80	Accessories included:	Eye bolt
SDCM:	≤ 3	LED lifespan L70B50 [h]:	108000
Power factor:	0.89	LED lifespan L80B20 [h]:	71000
Beam angle [°]:	75	LED lifespan L90B10 [h]:	33000
Surge protection [kV]:	10	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	Warranty [years]:	5
Diffuser type:	transparent	Glow wire test [°C]:	850
Diffuser colour:	transparent		
Optics material:	PC		
Optics:	lens		
Material of the body:	powder coated aluminium		
Colour of the body:	grey		
Dimensions [mm]:	106/371		
Impact resistance:	IK09		
Ingress protection:	IP66		

*Tolerance+/- 10%

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

Revision date: 2020-06-15



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The luminaire complies with the EU ROHS Directive 2011/65/UE



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

