### OCULUS LED 12200LM 840 IP66 I KL. 55D SP10KV 73W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

**Index:** 963971

Nominal power [W]: 73

Luminous flux [lm]\*: 12250

Colour temperature [K]: 4000

Energy efficiency class:

Material of the body: powder coated aluminium

Diffuser material: PC

Beam angle [°]: 55

Working temperature [°C]: from -25 to +60

### **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

Available version with radio motion sensor:

- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).

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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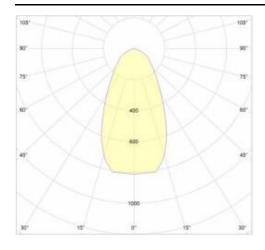
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	963971
Light source:	LED module
Nominal power [W]:	73
Rated power of the luminaire [W]:	76.10
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	12250
Luminous efficacy [lm/W]:	161
Energy efficiency class:	В
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤3
Power factor:	0.98
Beam angle [°]:	55
Surge protection [kV]:	10
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]:	125/371
Impact resistance:	IK09

Ingress protection:	IP66	
Mounting version:	suspended	
Working temperature [°C]:	from -25 to +60	
Cable length [m]:	0.30	
Dimensions of single box [mm]:	135/372/372	
Net weight [kg]:	3.344	
Category type:	high-bay and low-bay	
AC voltage range [V]:	198-264	
DC voltage range [V]:	176-280	
LED lifespan L70B50 [h]:	196000	
LED lifespan L80B20 [h]:	123000	
LED lifespan L90B10 [h]:	60000	
Accessories included:	Eye bolt	
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)	
ETIM class:	EC001716	
The number of implement units:	1	
Warranty [years]:	5	
ENEC Certificate:	PL BBJ/005/2021/M1	
CE certificate:	153/2023	
PZH certificate:	B-BK-60212-0481/21	
HACCP:	<u>852/2004</u>	
Manual:	Download PDF	

### **LIGHT CURVES**





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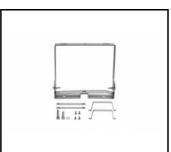
**DETAILED CARD** 

### **ACCESSORIES AVAILABLE**

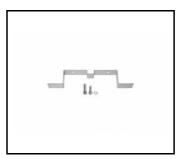
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle
964893	OCULUS LED - surface mounting handle
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	WSEL438 HD01R Remote control for motion sensor
WSEL415	WSEL415 Remote control for - PIR sensor



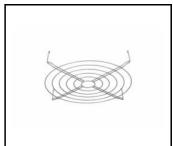
OCULUS LED - RCR motion sensor (964244)



OCULUS LED - universal handle (964886)



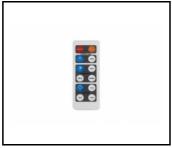
OCULUS LED - surface mounting handle (964893)



OCULUS LED - protective grid (964862)



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



WSEL438 HD01R Remote control for motion sensor (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)

Card creation date: 09 July 2024

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%

