### OCULUS LED ENDURA 75°C 27000LM 840 IP66 I KL. 75D SP10KV 203W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	964275
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	203
Luminous flux [lm]*:	27000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	D
Material of the body:	powder coated aluminium

#### **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 external driver compartment, separated from the body, connected to the lamp with a 10-meter cable guarantees optimal thermal conditions for the power supply system. This makes it possible to work the lamp at an ambient temperature of max +  $75^{\circ}$ C, and the driver +  $45^{\circ}$ C. LEDs from a reputable manufacturer and new LED modules enable high luminous efficiency: max 140 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°. Version with tempered glass (without lenses) and 105° distribution is also available. Standard equipped with a 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.

### **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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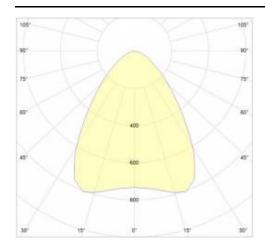
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	964275
Nominal power [W]:	203
Rated power of the luminaire [W]:	202.80
Luminous flux [lm]:	27000
Colour temperature [K]:	4000
Diffuser material:	PC
Diffuser type:	transparent
Material of the body:	powder coated aluminium
Optics material:	PC
Optics:	lens
Frequency [Hz]:	50 - 60
Energy efficiency class:	D
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Beam angle [°]:	75
Surge protection [kV]:	4
Colour of the body:	grey
Ingress protection:	IP66
Impact resistance:	IK09
Electrical protection class:	I

Mounting version:	suspended
Dimensions (H/W/T/S) [mm]:	106/371
Working temperature [°C]:	from -20 to +75 (luminair) / from - 20 to +45 (driver)
Cable length [m]:	10
Dimensions of single box [mm]:	135/372/372
Net weight [kg]:	4.700
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Luminous efficacy [lm/W]:	133
LED lifespan L70B50 [h]:	103000
LED lifespan L80B20 [h]:	65000
LED lifespan L90B10 [h]:	32000
ETIM class:	EC001716
The number of implement units:	2
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	155/2023
PZH certificate:	B-BK-60212-0481/21
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

### **LIGHT CURVES**





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### **ACCESSORIES AVAILABLE**

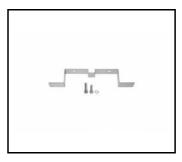
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



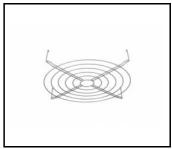
OCULUS LED - RCR motion sensor (964244)



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)



OCULUS LED - protective grid (964862)

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%

