## OCULUS LED ENDURA 75°C 26600LM 840 IP66 I KL. GLASS 105D SP10KV 203W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index: 963506 Ingress protection: IP66 IK09 Impact resistance: 203 Nominal power [W]: Luminous flux [lm]\*: 26600 Colour temperature [K]: 4000 Colour rendering index: >80 SDCM: ≤3 **Energy efficiency class:** 

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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### **TECHNICAL PARAMETERS TABLE**

Nominal power [W]:         203           Index:         963506           Colour temperature [K]:         4000           Luminous flux [Im]:         26600           Rated power of the luminaire [W]:         193.80           Diffuser material:         tempered glass           Beam angle [°]:         105           Diffuser type:         transparent           Energy efficiency class:         C           Material of the body:         powder coated aluminium           Frequency [Hz]:         50 - 60           Colour rendering index:         >80           SDCM:         ≤ 3           Power factor:         0.99           Surge protection [kV]:         4           Colour of the body:         grey           Ingress protection:         IP66           Impact resistance:         IK09           Electrical protection class:         I           Mounting version:         suspended		
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Diffuser type:  Energy efficiency class:  C  Material of the body:  Frequency [Hz]:  Colour rendering index:  SDCM:  Power factor:  Surge protection [kV]:  Colour of the body:  Ingress protection:  Impact resistance:  Electrical protection class:  I transparent  transparent  transparent  transparent  transparent  transparent  transparent  transparent  transparent  Electrical protection:  powder coated aluminium  50 - 60  >80  >80  SDCM:  4  Colour rendering index:  9.99  Surge protection  grey  Ingress protection:  IP66  IK09  Electrical protection class:	Diffuser material:	tempered glass
Energy efficiency class:  Material of the body:  Prequency [Hz]:  Colour rendering index:  SDCM:  SDCM:  Surge protection [kV]:  Colour of the body:  Ingress protection:  Impact resistance:  Electrical protection class:	Beam angle [°]:	105
Material of the body: powder coated aluminium   Frequency [Hz]: 50 - 60   Colour rendering index: >80   SDCM: ≤ 3   Power factor: 0.99   Surge protection [kV]: 4   Colour of the body: grey   Ingress protection: IP66   Impact resistance: IK09   Electrical protection class: I	Diffuser type:	transparent
Frequency [Hz]:         50 - 60           Colour rendering index:         >80           SDCM:         ≤ 3           Power factor:         0.99           Surge protection [kV]:         4           Colour of the body:         grey           Ingress protection:         IP66           Impact resistance:         IK09           Electrical protection class:         I	Energy efficiency class:	С
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Ingress protection: IP66 Impact resistance: IK09 Electrical protection class: I	Surge protection [kV]:	4
Impact resistance: IK09  Electrical protection class: I	Colour of the body:	grey
Electrical protection class:	Ingress protection:	IP66
·	Impact resistance:	IK09
Mounting version:	Electrical protection class:	1
suspended	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]:	6.100
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Luminous efficacy [lm/W]:	131
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
Manual:	Download PDF
Plik LDT:	Download



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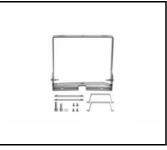
**DETAILED CARD** 

#### **ACCESSORIES AVAILABLE**

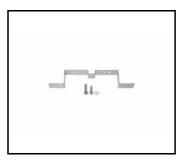
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



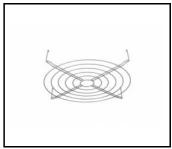
OCULUS LED - RCR motion sensor (964244)



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: 17 June 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%

