## OCULUS LED 24800LM 840 IP66 I CL. GLASS 105D SP10KV 146W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

**Index:** 964879

Nominal power [W]: 146

Luminous flux [lm]\*: 24800

Colour temperature [K]: 4000

Electrical protection class:

Energy efficiency class:

Material of the body: powder coated aluminium

**Diffuser material:** tempered glass

Beam angle [°]: 105

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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### **TECHNICAL PARAMETERS TABLE**

Index:	964879
EAN:	5905963964879
Light source:	LED module
Nominal power [W]:	146
Rated power of the luminaire [W]:	154
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [lm]:	24800
Luminous efficacy [lm/W]:	161
Energy efficiency class:	В
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.99
Beam angle [°]:	105
Surge protection [kV]:	4
Diffuser material:	tempered glass
Diffuser type:	transparent
Diffuser colour:	transparent
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	125/371
Impact resistance:	IK07
Ingress protection:	IP66

Mounting version:	suspended	
Working temperature [°C]:	from -25 to +60	
DIMM DALI:	yes	
The number of implement units:	2	
Cable length [m]:	0.30	
Dimensions of single box [mm]:	135/372/372	
Net weight [kg]: 3.830		
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	
Warranty [years]:	5	
ENEC Certificate:	PL BBJ/005/2021/M1	
CE certificate:	<u>153/2023</u>	
PZH certificate:	B-BK-60212-0481/21	
HACCP:	852/2004	
Environmental Product Declaration (EPD):	816/2025	
Manual:	Download PDF	
Plik LDT:	Download	



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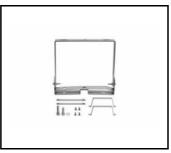
**DETAILED CARD** 

#### **ACCESSORIES AVAILABLE**

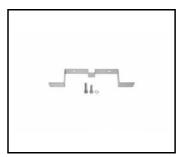
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	Remote control for motion sensor HD01R
WSEL415	WSEL415 Remote control for - PIR sensor



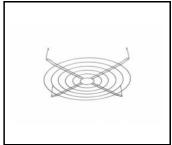
OCULUS LED - RCR motion sensor (964244)



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)



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



Remote control for motion sensor HD01R (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)

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%

