

OCULUS LED ENDURA 75°C 28300LM 840 IP66 I KL. 105D SP10KV 203W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	964268
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	203
Luminous flux [lm]*:	28300
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤ 3
Energy efficiency class:	C
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°C, and the driver + 45°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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Nominal power [W]:	203
Index:	964268
Colour temperature [K]:	4000
Luminous flux [lm]:	28300
Rated power of the luminaire [W]:	202.80
Diffuser material:	PC
Beam angle [°]:	105
Diffuser type:	transparent
Energy efficiency class:	C
Material of the body:	powder coated aluminium
Optics material:	PC
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

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
Warranty [years]:	5
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Luminous efficacy [lm/W]:	140
LED lifespan L70B50 [h]:	103000
LED lifespan L80B20 [h]:	65000
LED lifespan L90B10 [h]:	32000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
ETIM class:	EC001716
The number of implement units:	2
Warranty [years]:	5
CE certificate:	155/2023
PZH certificate:	B-BK-60212-0481/21
Manual:	Download PDF
Pliik LDT:	Download

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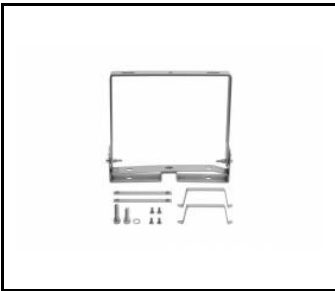
DETAILED CARD

ACCESSORIES AVAILABLE

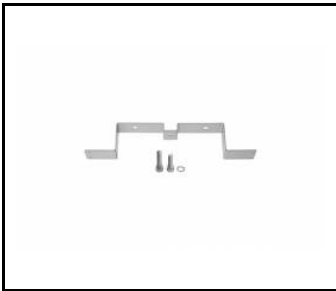
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



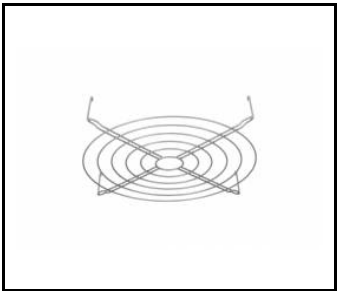
OCULUS LED - RCR motion sensor (964244)



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)