

# 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.

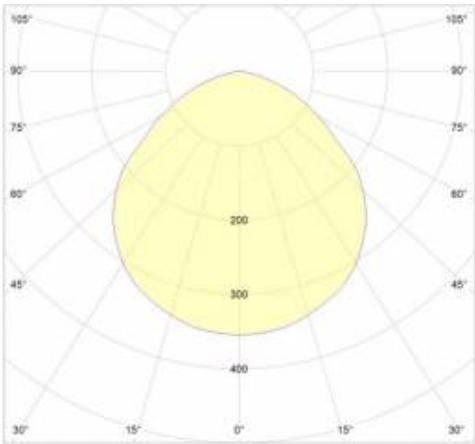
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## TECHNICAL PARAMETERS TABLE

Index:	964268	Dimensions (H/W/T/S) [mm]:	106/371
Nominal power [W]:	203	Working temperature [°C]:	from -20 to +75 (luminair) / from -20 to +45 (driver)
Rated power of the luminaire [W]:	202.80	Cable length [m]:	10
Luminous flux [lm]:	28300	Dimensions of single box [mm]:	135/372/372
Colour temperature [K]:	4000	Net weight [kg]:	4.700
Diffuser material:	PC	AC voltage range [V]:	198-264
Diffuser type:	transparent	DC voltage range [V]:	176-280
Material of the body:	powder coated aluminium	Luminous efficacy [lm/W]:	140
Optics material:	PC	LED lifespan L70B50 [h]:	103000
Frequency [Hz]:	50 - 60	LED lifespan L80B20 [h]:	65000
Energy efficiency class:	C	LED lifespan L90B10 [h]:	32000
Colour rendering index:	>80	ETIM class:	EC001716
SDCM:	≤ 3	The number of implement units:	2
Power factor:	0.99	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Beam angle [°]:	105	Warranty [years]:	5
Surge protection [kV]:	4	CE certificate:	<a href="#">155/2023</a>
Colour of the body:	grey	PZH certificate:	<a href="#">B-BK-60212-0481/21</a>
Ingress protection:	IP66	Environmental Product Declaration (EPD):	<a href="#">816/2025</a>
Impact resistance:	IK09	Manual:	<a href="#">Download PDF</a>
Electrical protection class:	I	Plik LDT:	<a href="#">Download</a>
Mounting version:	suspended		

## LIGHT CURVES



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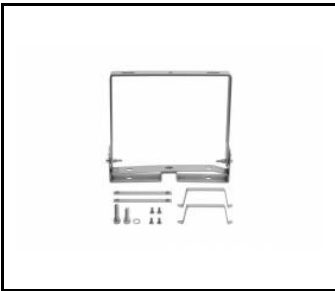
DETAILED CARD

## ACCESSORIES AVAILABLE

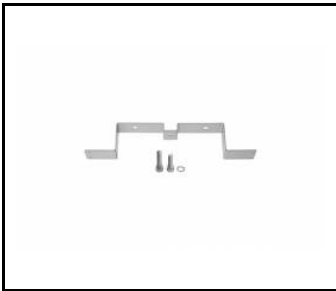
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



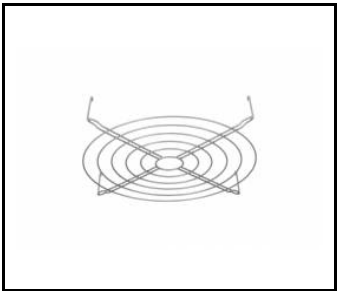
OCULUS LED - RCR motion sensor (964244)



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)