

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	964275
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	203
<b>Luminous flux [lm]*:</b>	27000
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	D
<b>Material of the body:</b>	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.

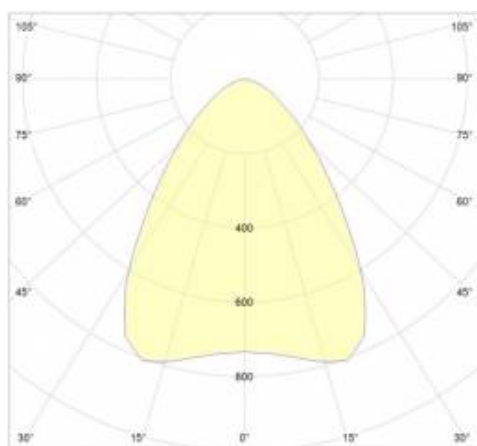
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	964275	<b>Mounting version:</b>	suspended
<b>Nominal power [W]:</b>	203	<b>Dimensions (H/W/T/S) [mm]:</b>	106/371
<b>Rated power of the luminaire [W]:</b>	202.80	<b>Working temperature [°C]:</b>	from -20 to +75 (luminaire) / from -20 to +45 (driver)
<b>Luminous flux [lm]:</b>	27000	<b>Cable length [m]:</b>	10
<b>Colour temperature [K]:</b>	4000	<b>Dimensions of single box [mm]:</b>	135/372/372
<b>Diffuser material:</b>	PC	<b>Net weight [kg]:</b>	4.700
<b>Diffuser type:</b>	transparent	<b>Warranty [years]:</b>	5
<b>Material of the body:</b>	powder coated aluminium	<b>AC voltage range [V]:</b>	198-264
<b>Optics material:</b>	PC	<b>DC voltage range [V]:</b>	176-280
<b>Optics:</b>	lens	<b>Luminous efficacy [lm/W]:</b>	133
<b>Frequency [Hz]:</b>	50 - 60	<b>LED lifespan L70B50 [h]:</b>	103000
<b>Energy efficiency class:</b>	D	<b>LED lifespan L80B20 [h]:</b>	65000
<b>Colour rendering index:</b>	>80	<b>LED lifespan L90B10 [h]:</b>	32000
<b>SDCM:</b>	≤ 3	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Power factor:</b>	0.99	<b>ETIM class:</b>	EC001716
<b>Beam angle [°]:</b>	75	<b>The number of implement units:</b>	2
<b>Surge protection [kV]:</b>	10	<b>Warranty [years]:</b>	5
<b>Colour of the body:</b>	grey	<b>CE certificate:</b>	<a href="#">155/2023</a>
<b>Ingress protection:</b>	IP66	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0481/21</a>
<b>Impact resistance:</b>	IK09	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Electrical protection class:</b>	I		

## LIGHT CURVES



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

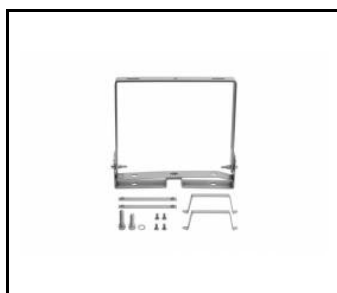
DETAILED CARD

## ACCESSORIES AVAILABLE

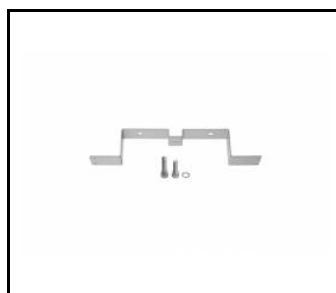
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



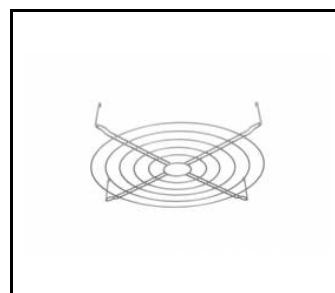
OCULUS LED - RCR motion sensor (964244)



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: 11 September 2024

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%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 155/2023