OCULUS LED ENDURA 75°C 27000LM 840 IP66 I KL. 55D SP10KV 203W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	964282
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	203
Luminous flux [lm]*:	27000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	D
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.

OCULUS LED ENDURA 75°C 27000LM 840 IP66 I KL. 55D SP10KV 203W

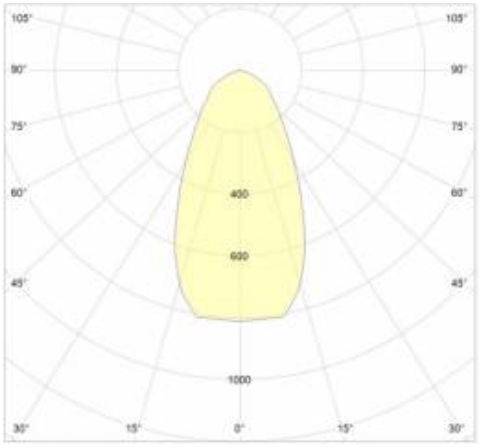
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	964282
Nominal power [W]:	203
Rated power of the luminaire [W]:	202.80
Luminous flux [lm]:	27000
Colour temperature [K]:	4000
Diffuser material:	PC
Diffuser type:	transparent
Material of the body:	powder coated aluminium
Optics material:	PC
Optics:	lens
Frequency [Hz]:	50 - 60
Energy efficiency class:	D
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.99
Beam angle [°]:	55
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
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Luminous efficacy [lm/W]:	133
LED lifespan L70B50 [h]:	103000
LED lifespan L80B10 [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
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES



OCULUS LED ENDURA 75°C 27000LM 840 IP66 I KL. 55D SP10KV 203W

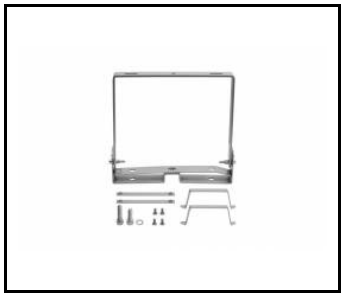
DETAILED CARD

ACCESSORIES AVAILABLE

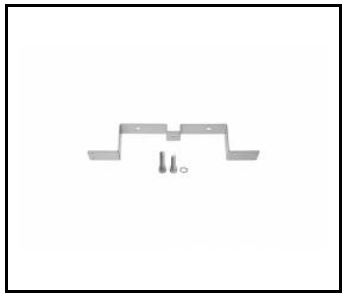
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid



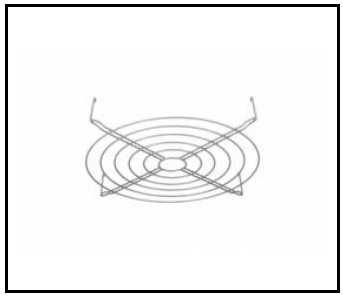
OCULUS LED - RCR motion sensor (964244)



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)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 155/2023

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl