OCULUS LED MINI DALI 20500LM 840 IP66 I 55D SP10KV 143W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	967542
Rated power of the luminaire [W]*:	143
Luminous flux [lm]*:	20500
Colour temperature [K]:	4000
Impact resistance:	IK08
Ingress protection:	IP66
Electrical protection class:	I
Energy efficiency class:	C
SDCM:	3
Material of the body:	powder coated aluminium

CHARACTERISTICS

OCULUS LED MINI 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 55°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency. 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.Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.

APPLICATION

The luminaire is designed for suspended mounting using chains, ropes, etc. and with the use of additional accessories also surface-mounted (ceiling and wall) both indoors and outdoors. It works perfectly in factories and production halls as well as large-scale warehouses and logistics centers.

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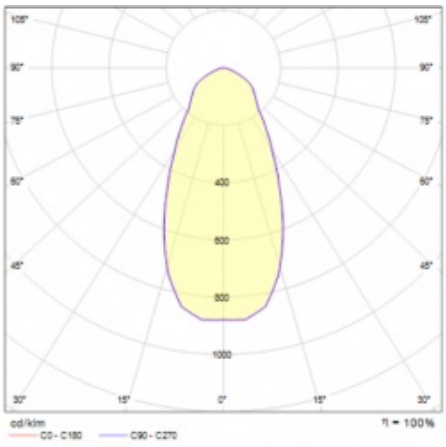
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	967542
Light source:	LED
Nominal power [W]:	141
Rated power of the luminaire [W]:	143
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	20500
Luminous efficacy [lm/W]:	143
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.95
Beam angle [°]:	55
Surge protection [kV]:	4
Diffuser material:	PC
Diffuser type:	transparent
Diffuser colour:	transparent
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	107/320
Impact resistance:	IK08

Ingress protection:	IP66
Mounting version:	surface, suspended
Cable length [m]:	0.30
Dimensions of single box [mm]:	140/350/350
Net weight [kg]:	2.430
Warranty [years]:	5
AC voltage range [V]:	198 – 264
DC voltage range [V]:	170 – 280
DIMM DALI:	yes
The number of implement units:	2
LED lifespan L70B50 [h]:	107000
LED lifespan L80B10 [h]:	65000
LED lifespan L90B10 [h]:	32000
Working temperature [°C]:	from -25 to +50
Category type:	high-bay and low-bay
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
ETIM class:	EC001716
Warranty [years]:	5
CE certificate:	156/2023
PZH certificate:	B-BK-60212-0481/21
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES

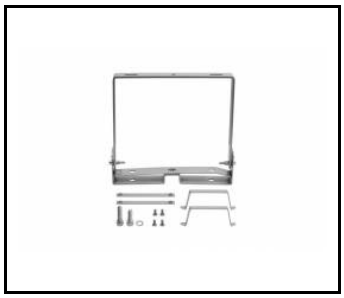


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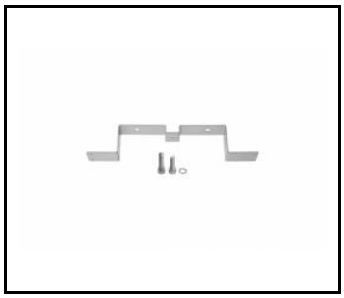
DETAILED CARD

ACCESSORIES AVAILABLE

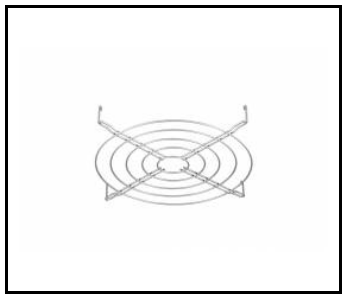
index	Name
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
967030	OCULUS LED MINI - protective grid
WSEL438	Remote control for motion sensor HD01R
WSEL415	WSEL415 Remote control for - PIR sensor
967054	OCULUS LED MINI- RCR sensor -complete
967047	OCULUS LED MINI- PIR / RCR DALI sensor complete
561399	OCULUS LED MINI- safety net kit



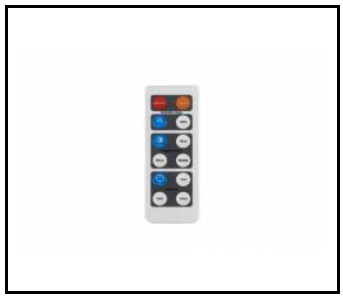
OCULUS LED - universal handle-lack of compatibility with Dali version 294W (964886)



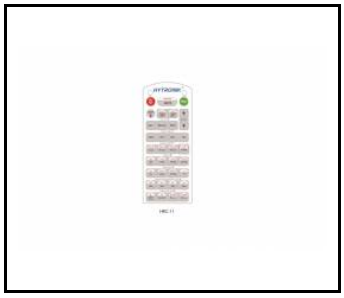
OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)



OCULUS LED MINI - protective grid (967030)



Remote control for motion sensor HD01R (WSEL438)



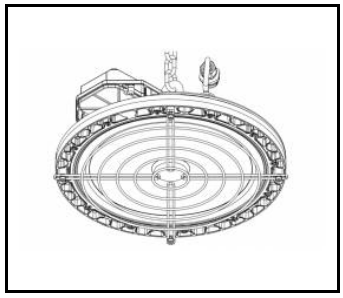
WSEL415 Remote control for - PIR sensor (WSEL415)



OCULUS LED MINI- RCR sensor - complete (967054)



OCULUS LED MINI- PIR / RCR DALI sensor complete (967047)



OCULUS LED MINI- safety net kit (561399)

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%

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

Certificate CE - Nr: 156/2023

LENA LIGHTING

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