

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	967696
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.

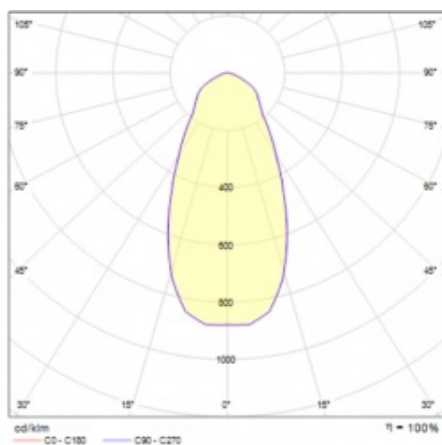
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TECHNICAL PARAMETERS TABLE

Index:	967696	Impact resistance:	IK08
Light source:	LED	Ingress protection:	IP66
Nominal power [W]:	141	Mounting version:	surface, suspended
Rated power of the luminaire [W]:	143	Cable length [m]:	0.30
Supply voltage [V]:	220 - 240	Dimensions of single box [mm]:	140/350/350
Frequency [Hz]:	50 - 60	Net weight [kg]:	2.330
Luminous flux [lm]:	20500	Warranty [years]:	5
Luminous efficacy [lm/W]:	143	AC voltage range [V]:	198 – 264
Energy efficiency class:	C	DC voltage range [V]:	176 – 280
Electrical protection class:	I	LED lifespan L70B50 [h]:	107000
Colour temperature [K]:	4000	LED lifespan L80B20 [h]:	65000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	32000
SDCM:	≤ 3	Working temperature [°C]:	from -25 to +50
Power factor:	0.95	Category type:	high-bay and low-bay
Beam angle [°]:	55	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Surge protection [kV]:	10	ETIM class:	EC001716
Diffuser material:	PC	The number of implement units:	1
Diffuser type:	transparent	Warranty [years]:	5
Diffuser colour:	transparent	CE certificate:	156/2023
Material of the body:	powder coated aluminium	PZH certificate:	B-BK-60212-0481/21
Colour of the body:	grey	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	107/320		

LIGHT CURVES



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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:14 November 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: 156/2023