OCULUS LED MINI ECO 31800LM 840 IP65 I KL. 105D SP10KV 200W

DETAILED CARD





TECHNICAL PARAMETERS

Index:	977992
Ingress protection:	IP65
Impact resistance:	IK08
Rated power of the luminaire [W]*:	200
Luminous flux [lm]*:	31800
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	1
Energy efficiency class:	В

CHARACTERISTICS

Economical version of the HIGH-BAY type luminaire from the NEXT GEN line, constituting a new generation of lamps in LED technology. The body designed from scratch, made of die-cast aluminum and powder coated, uses natural conduction and convection processes, which have a positive effect on the lamp's thermal management. The shape of the body with an integrated, efficient radiator and high-quality materials ensure maximum heat dissipation from the LED module. The external driver chamber, separated from the body, guarantees optimal thermal operating conditions for the power supply system. Thanks to this, the lamp can operate at an ambient temperature of up to 65°C.

5050 LEDs from a renowned manufacturer and new LED modules have an impact on very high luminous efficacy, especially in the HE version. This guarantees achieving the required lighting level and significant energy savings. The lampshade and optical system are new, precise linear lenses made of PC polycarbonate. A 105° light distribution is available in the GLASS version with tempered glass (without lenses) and PC (polycarbonate). The fixture is terminated with electrical wires (which, in order to obtain IP65 tightness of the connection, require a tight connector). The lamp's construction is adapted for suspended mounting using a threaded, eyelet hook, supplied in the set. The fixture should be suspended using a dedicated cord or chain (not included).

APPLICATION

The luminaire is designed for surface mounting (ceiling and wall) using additional accessories and suspended using chains, ropes, etc. both inside and outside buildings. It will work great in factories and production halls as well as large-area warehouses and logistics centers.



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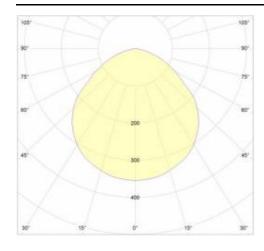
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	977992
EAN:	5905963977992
Nominal power [W]:	207
Rated power of the luminaire [W]:	200
Luminous flux [Im]:	31800
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	159
Energy efficiency class:	В
Electrical protection class:	1
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.98
LED lifespan L70B50 [h]:	157000
LED lifespan L80B20 [h]:	98000
LED lifespan L90B10 [h]:	45000
Beam angle [°]:	105
Surge protection [kV]:	4
Diffuser material:	PC

Diffuser type:	transparent
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	130/320
Impact resistance:	IK08
Ingress protection:	IP65
Mounting version:	suspended
Working temperature [°C]:	od -25 do +65
Diode size [mm]:	5050
Cable length [m]:	0.20
Accessories included:	Eye bolt
Dimensions of single box [mm]:	140/350/350
Number on the palette [pcs]:	46
Net weight [kg]:	2.310
Light distribution type:	lambertian
Warranty [years]:	5
CE certificate:	115/2024
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	<u>Download</u>

LIGHT CURVES





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ACCESSORIES AVAILABLE

index	Name
626104	IP68 quick connector 0.5-2.5mm2 Dia5-10mm 3P



IP68 quick connector 0.5-2.5mm2 Dia5-10mm 3P (626104)

Card creation date: 08 October 2024



