OCULUS LED 18300LM 840 IP66 I CL. 55D SP6KV 104W (F)

DETAILED CARD



TECHNICAL PARAMETERS

Nominal power [W]:	104
Luminous flux [lm]*:	18300
Supply voltage [V]:	122-277
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	167
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Dimensions (H/W/T/S) [mm]:	122/371
Impact resistance:	IK09

CHARACTERISTICS

OCULUS LED F 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 60°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency: max 176 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°. 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.
Available version with radio motion sensor:
- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).
Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.

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

Index:	964084/F	**Optics:**	lens
Nominal power [W]:	104	**Optics material:**	PC
Rated power of the luminaire [W]:	109.40	**Material of the body:**	powder coated aluminium
Luminous flux [lm]:	18300	**Colour of the body:**	grey
Supply voltage [V]:	122-277	**Dimensions (H/W/T/S) [mm]:**	122/371
Frequency [Hz]:	50-60	**Impact resistance:**	IK09
Luminous efficacy [lm/W]:	167	**Ingress protection:**	IP65
Energy efficiency class:	B	**Working temperature [°C]:**	from -40 to +50
Electrical protection class:	I	**Cable length [m]:**	0.30
Colour temperature [K]:	4000	**Dimensions of single box [mm]:**	135/372/372
Color rendering index (Ra) >:	80	**Number on the palette [pcs]:**	66
SDCM:	3	**Net weight [kg]:**	3.420
Power factor:	0.96	**Mark D:**	yes
LED lifespan L70B50 [h]:	196000	**The number of implement units:**	1
LED lifespan L80B10 [h]:	123000	**Warranty [years]:**	5
LED lifespan L90B10 [h]:	60000	**CE certificate:**	33/2024
Beam angle [°]:	55	**HACCP:**	852/2004
Surge protection [kV]:	6	**Environmental Product Declaration (EPD):**	816/2025
Diffuser material:	PC	**Manual:**	Download PDF
Diffuser type:	transparent	**Plik LDT:**	Download

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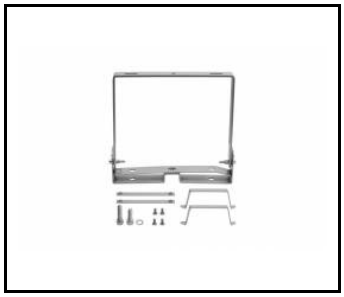
DETAILED CARD

ACCESSORIES AVAILABLE

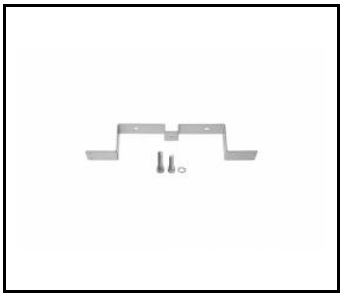
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	Remote control for motion sensor HD01R
WSEL415	WSEL415 Remote control for - PIR sensor



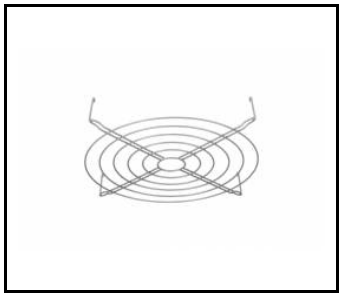
OCULUS LED - RCR motion sensor (964244)



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



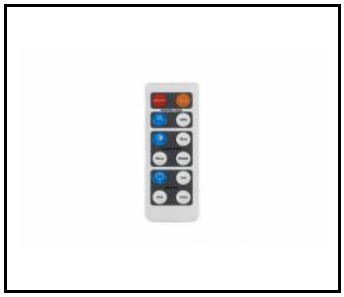
OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)



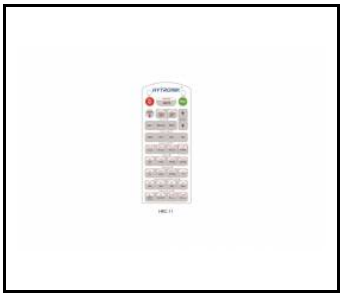
OCULUS LED - protective grid (964862)



OCULUS LED - RCR / PIR DALI motion sensor (963674)



Remote control for motion sensor HD01R (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)

Card creation date: 03 April 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 33/2024

LENA LIGHTING

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