

OCULUS LED F 25000LM 840 IP65 I KL. 105D 156W

DETAILED CARD



TECHNICAL PARAMETERS

Luminous flux [lm]*:	25000
Supply voltage [V]:	100 - 277
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	160
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Dimensions (H/W/T/S) [mm]:	106/371
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:	977411
EAN:	5905963977411
Rated power of the luminaire [W]:	156
Luminous flux [lm]:	25000
Supply voltage [V]:	100 - 277
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	160
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Power factor:	0.95
ITHD [%]:	7
Flicker procent:	5
LED lifespan L70B50 [h]:	196000
LED lifespan L80B20 [h]:	123000
LED lifespan L90B10 [h]:	60000
Beam angle [°]:	105

Surge protection [kV]:	6
Diffuser material:	PC
Diffuser type:	transparent
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	106/371
Impact resistance:	IK09
Ingress protection:	IP65
Working temperature [°C]:	from -40 to +50
Cable length [m]:	0.30
Dimensions of single box [mm]:	135/372/372
Number on the palette [pcs]:	66
Net weight [kg]:	3.400
The number of implement units:	1
Warranty [years]:	5
CE certificate:	143/2022
HACCP:	852/2004
Manual:	Download PDF

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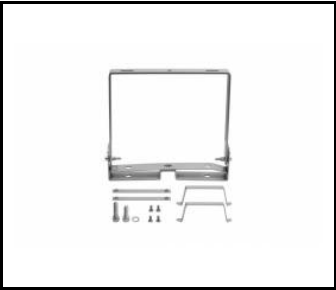
DETAILED CARD

ACCESSORIES AVAILABLE

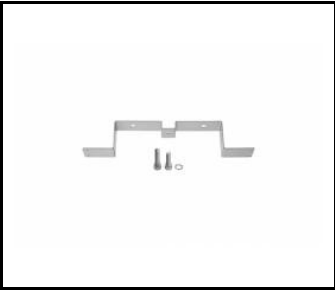
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle
964893	OCULUS LED - surface mounting handle
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	WSEL438 HD01R Remote control for motion sensor
WSEL415	WSEL415 Remote control for - PIR sensor



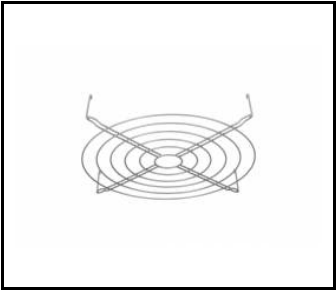
OCULUS LED - RCR motion sensor (964244)



OCULUS LED - universal handle (964886)



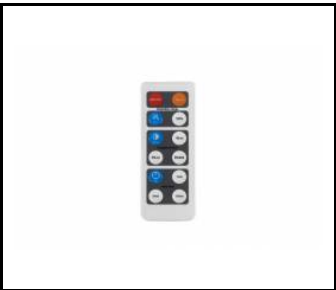
OCULUS LED - surface mounting handle (964893)



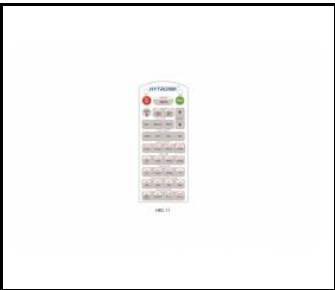
OCULUS LED - protective grid (964862)



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



WSEL438 HD01R Remote control for motion sensor (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)