

OCULUS LED 24800LM 840 IP66 I CL. GLASS 105D SP10KV 146W (F)

DETAILED CARD



TECHNICAL PARAMETERS

Nominal power [W]:	146
Luminous flux [lm]*:	24800
Supply voltage [V]:	122-277
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	161
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Dimensions (H/W/T/S) [mm]:	122/371
Impact resistance:	IK07

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:	964947/F	Diffuser material:	tempered glass
Nominal power [W]:	146	Diffuser type:	transparent
Rated power of the luminaire [W]:	153.90	Material of the body:	powder coated aluminium
Luminous flux [lm]:	24800	Colour of the body:	grey
Supply voltage [V]:	122-277	Dimensions (H/W/T/S) [mm]:	122/371
Frequency [Hz]:	50-60	Impact resistance:	IK07
Luminous efficacy [lm/W]:	161	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
Colour rendering index:	>80	Number on the palette [pcs]:	66
SDCM:	≤ 3	Net weight [kg]:	3.830
Power factor:	0.98	Warranty [years]:	5
LED lifespan L70B50 [h]:	196000	CE certificate:	33/2024
LED lifespan L80B20 [h]:	123000	Manual:	Download PDF
LED lifespan L90B10 [h]:	60000	Accessories included:	Eye bolt
Beam angle [°]:	105	Mark D:	yes
Surge protection [kV]:	6	The number of implement units:	1

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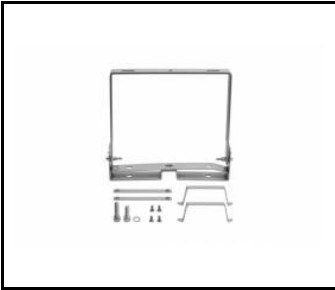
DETAILED CARD

ACCESSORIES AVAILABLE

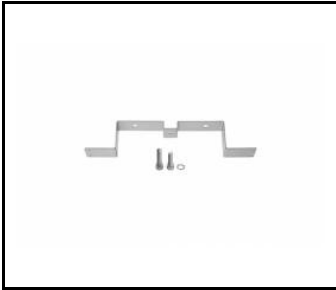
index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle
964893	OCULUS LED - surface mounting handle
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
WSEL438	WSEL438 HD01R Remote control for motion sensor
WSEL415	WSEL415 Remote control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



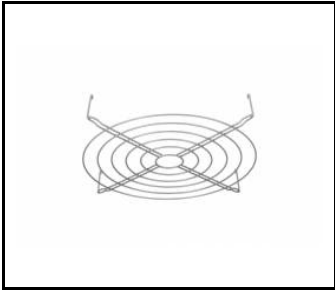
OCULUS LED - RCR motion sensor (964244)



OCULUS LED - universal handle (964886)



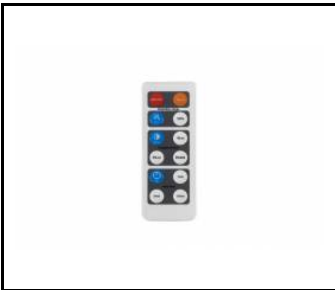
OCULUS LED - surface mounting handle (964893)



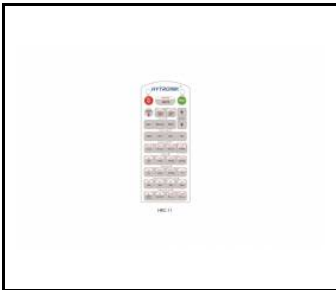
OCULUS LED - protective grid (964862)



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



WSEL438 HD01R Remote control for motion sensor (WSEL438)



WSEL415 Remote control for - PIR sensor (WSEL415)