OCULUS LED 21950LM 840 IP23 I KL. AW 3H 75D SP10KV 126W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	964329
Nominal power [W]:	126
Luminous flux [lm]*:	21950
Colour temperature [K]:	4000
Electrical protection class:	I
Energy efficiency class:	B
Material of the body:	powder coated aluminium
Diffuser material:	PC
Beam angle [°]:	75
Working temperature [°C]:	from 0 to +25

CHARACTERISTICS

OCULUS LED 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.

LENA LIGHTING

OCULUS LED 21950LM 840 IP23 I KL. AW 3H 75D SP10KV 126W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	964329	The number of implement units:	1
Light source:	LED module	Cable length [m]:	0.30
Nominal power [W]:	126	Dimensions of single box [mm]:	175/400/400
Rated power of the luminaire [W]:	132.90	Net weight [kg]:	5.650
Supply voltage [V]:	220-240	Category type:	high-bay and low-bay
Frequency [Hz]:	50 - 60	AC voltage range [V]:	198-264
Luminous flux [lm]:	21950	DC voltage range [V]:	176-280
Luminous efficacy [lm/W]:	166	LED lifespan L70B50 [h]:	196000
Energy efficiency class:	B	LED lifespan L80B20 [h]:	123000
Electrical protection class:	I	LED lifespan L90B10 [h]:	60000
Colour temperature [K]:	4000	Accessories included:	Eye bolt
Colour rendering index:	80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3		
Power factor:	0.99	Charging time [h:min]:	1
Beam angle [°]:	75	Battery life [h:min]:	3
Surge protection [kV]:	4	Battery:	NiMh
Diffuser material:	PC	Battery capacity [mAh]:	4
Diffuser type:	transparent	Emergency lighting [h]:	3
Diffuser colour:	transparent	Autotest:	yes
Optics material:	PC	Operating mode:	M
Optics:	lens	ETIM class:	EC001716
Material of the body:	powder coated aluminium	Warranty [years]:	2 / 0.5 (bateria)
Colour of the body:	grey	ENEC Certificate:	PL BBJ/005/2021/M1
Dimensions (H/W/T/S) [mm]:	595/371	CE certificate:	153/2023
Impact resistance:	IK09	PZH certificate:	B-BK-60212-0481/21
Ingress protection:	IP23	HACCP:	852/2004
Mounting version:	suspended	Environmental Product Declaration (EPD):	816/2025
Working temperature [°C]:	from 0 to +25	Manual:	Download PDF

OCULUS LED 21950LM 840 IP23 I KL. AW 3H 75D SP10KV 126W
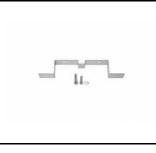
DETAILED CARD

ACCESSORIES AVAILABLE

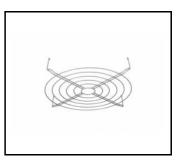| index	Name
964244	OCULUS LED - RCR motion sensor
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
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)

CE   Certificate CE - Nr: 153/2023