OCULUS LED DALI 45800LM 740 IP66 I KL. GLASS 105D SP10KV 294W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	977626
Nominal power [W]:	294
Luminous flux [lm]*:	45800
Colour temperature [K]:	4000
Electrical protection class:	I
Energy efficiency class:	C
Material of the body:	powder coated aluminium
Diffuser material:	tempered glass
Beam angle [°]:	105
Working temperature [°C]:	from -25 to +35

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.

OCULUS LED DALI 45800LM 740 IP66 I KL. GLASS 105D SP10KV 294W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	977626	Impact resistance:	IK09
EAN:	5905963977626	Ingress protection:	IP66
Light source:	LED module	Mounting version:	suspended
Nominal power [W]:	294	Working temperature [°C]:	from -25 to +35
Rated power of the luminaire [W]:	316	DIMM DALI:	yes
Supply voltage [V]:	220-240	The number of implement units:	2
Frequency [Hz]:	50-60	Cable length [m]:	0.30
Luminous flux [lm]:	45800	Dimensions of single box [mm]:	135/372/372
Luminous efficacy [lm/W]:	145	Net weight [kg]:	3.700
Energy efficiency class:	C	Category type:	high-bay and low-bay
Electrical protection class:	I	AC voltage range [V]:	100-270
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	196000
Colour rendering index:	70	LED lifespan L80B20 [h]:	123000
SDCM:	≤ 5	LED lifespan L90B10 [h]:	60000
Power factor:	0.96	Warranty [years]:	5
Beam angle [°]:	105	ENEC Certificate:	
Surge protection [kV]:	4	CE certificate:	153/2023
Diffuser material:	tempered glass	PZH certificate:	B-BK-60212-0481/21
Diffuser type:	transparent	HACCP:	852/2004
Diffuser colour:	transparent	Environmental Product Declaration (EPD):	816/2025
Material of the body:	powder coated aluminium	Manual:	Download PDF
Colour of the body:	grey	Plik LDT:	Download
Dimensions (H/W/T/S) [mm]:	125/371		

LIGHT CURVES

OCULUS LED DALI 45800LM 740 IP66 I KL. GLASS 105D SP10KV 294W

DETAILED CARD

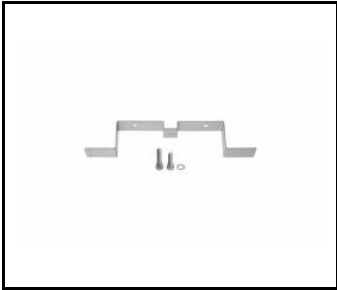## ACCESSORIES AVAILABLE

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)

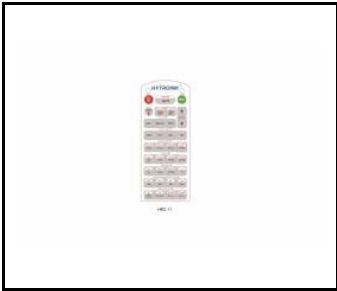OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)

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)

Certificate CE - Nr: 153/2023