OCULUS LED IOT BT HYT 19000LM 840 IP66 I CL. DALI 105D SP10KV 104W

DETAILED CARD

TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	104
Luminous flux [lm]*:	19000
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	174
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000

CHARACTERISTICS

Oculus LED IoT 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). 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. Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.**IoT characteristics**The **IoT BT HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time, and a **DALI** driver that allows you to dim the light source.

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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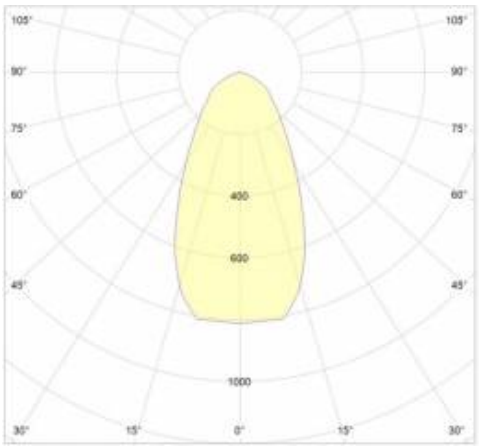
TECHNICAL PARAMETERS TABLE

Index:	977404	**Diffuser type:**	transparent
Light source:	LED module	**Diffuser colour:**	transparent
Nominal power [W]:	104	**Material of the body:**	powder coated aluminium
Luminous flux [lm]:	19000	**Colour of the body:**	grey
Supply voltage [V]:	220-240	**Dimensions (H/W/T/S) [mm]:**	106/371
Frequency [Hz]:	50-60	**Impact resistance:**	IK09
Luminous efficacy [lm/W]:	174	**Ingress protection:**	IP66
Energy efficiency class:	B	**Mounting version:**	suspended
Electrical protection class:	I	**Working temperature [°C]:**	from -25 to +60
Colour temperature [K]:	4000	**Cable length [m]:**	0.30
Color rendering index (Ra) >:	80	**Number on the palette [pcs]:**	66
SDCM:	3	**Net weight [kg]:**	3.420
Power factor:	0.98	**Version:**	BT HYT DALI
LED lifespan L70B50 [h]:	196000	**Warranty [years]:**	5
LED lifespan L80B10 [h]:	123000	**CE certificate:**	447/2023
LED lifespan L90B10 [h]:	60000	**ENEC Certificate:**	
Beam angle [°]:	105	**PZH certificate:**	
Light distribution type:	lambertian	**Environmental Product Declaration (EPD):**	816/2025
Surge protection [kV]:	4	**Manual:**	Download PDF
Diffuser material:	PC		

LIGHT CURVES



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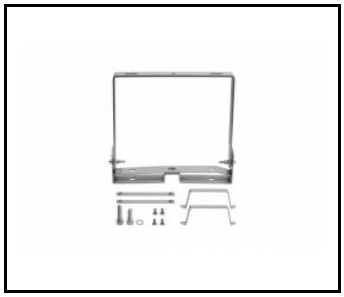
DETAILED CARD

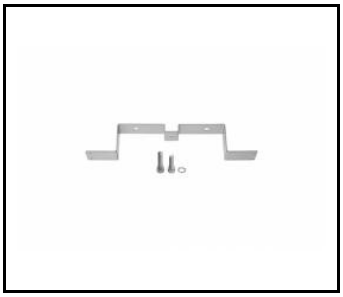
ACCESSORIES AVAILABLE

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

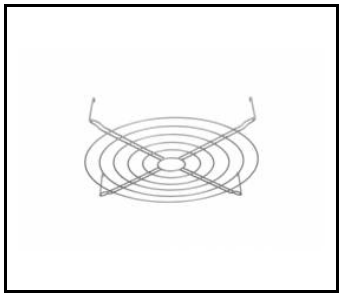
OCULUS LED - RCR motion sensor (964244)



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

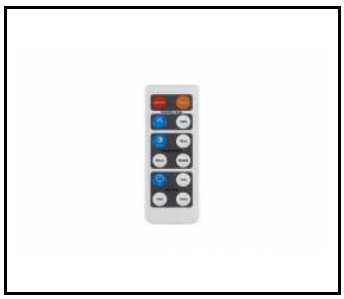


OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W (964893)

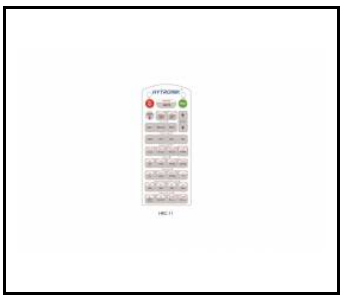


OCULUS LED - protective grid (964862)

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: 18 July 2025

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: 447/2023

LENA LIGHTING

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