

OCULUS LED IOT CLUE BT 19000LM 840 IP66 I KL. 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 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.

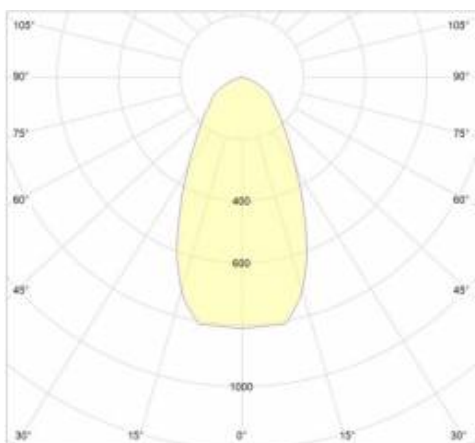
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TECHNICAL PARAMETERS TABLE

Index:	977404	LED lifespan L90B10 [h]:	60000
Light source:	LED module	Beam angle [°]:	105
Nominal power [W]:	104	Light distribution type:	lambertian
Luminous flux [lm]:	19000	Surge protection [kV]:	10
Supply voltage [V]:	220-240	Diffuser material:	PC
Frequency [Hz]:	50-60	Diffuser type:	transparent
Luminous efficacy [lm/W]:	174	Diffuser colour:	transparent
Energy efficiency class:	B	Material of the body:	powder coated aluminium
Electrical protection class:	I	Colour of the body:	grey
Colour temperature [K]:	4000	Dimensions (H/W/T/S) [mm]:	106/371
Colour rendering index:	>80	Impact resistance:	IK09
SDCM:	≤ 3	Ingress protection:	IP66
Power factor:	0.98	Mounting version:	suspended
LED lifespan L70B50 [h]:	196000	Working temperature [°C]:	from -25 to +60
LED lifespan L80B20 [h]:	123000	Warranty [years]:	5

LIGHT CURVES



Card creation date: 03 February 2023

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 447/2023