OCULUS LED IOT

GENERAL CARD



TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	104.00
Luminous flux [lm]*:	19000
Luminous efficacy [lm/W]:	174.00
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). 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. Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.

IoT characteristics

Variants available:
IoT BT HYT DALI: **Bluetooth HYT** module controlled in the Lena Lighting Clue app, **DALI** driver enabling dimming of the light source.
IoT BT PIR HYT DALI: **Bluetooth HYT** module controlled in the Lena Lighting Clue app, **PIR** motion and light sensor, **DALI** driver enabling dimming of the light source.
IoT RC PIR HYT: **PIR** motion and light sensor programmed by**RC** remote control and **ON/OFF** driver without dimming function of 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.

OCULUS LED IOT

GENERAL CARD

AVAILABLE VERSIONS

Click index >>, to see details

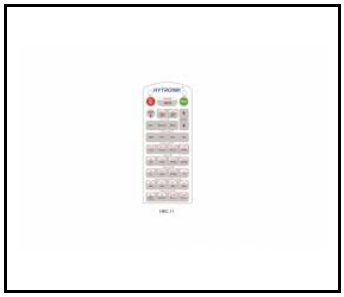
Nominal power [W]	Luminous flux [lm]*	Beam angle [°]	Colour of the body	Version	Dimensions (H/W/T/S) [mm]	Index
104	19000	105	grey	BT HYT DALI	106/371	>> 977404

OCULUS LED IOT

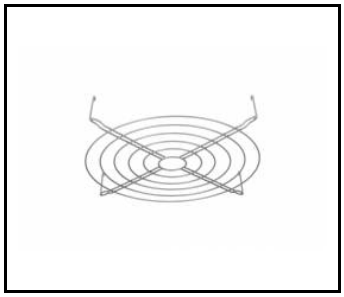
GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
WSEL415	WSEL415 Remote control for - PIR sensor
964862	OCULUS LED - protective grid
963674	OCULUS LED - RCR / PIR DALI motion sensor
964893	OCULUS LED - surface mounting handle-lack of compatibility with Dali version 294W
WSEL438	Remote control for motion sensor HD01R
964886	OCULUS LED - universal handle-lack of compatibility with Dali version 294W
	OCULUS LED - RCR motion sensor



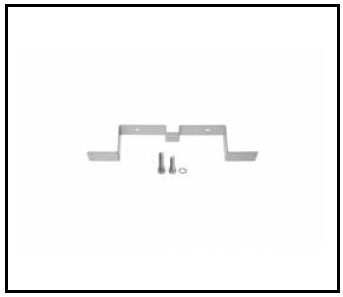
WSEL415 Remote control for - PIR sensor (WSEL415)



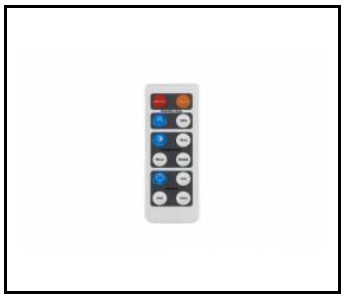
OCULUS LED - protective grid (964862)



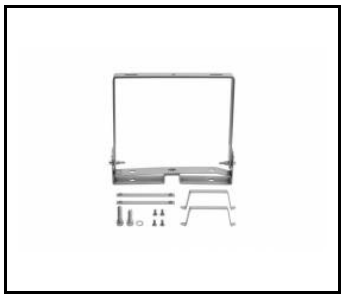
OCULUS LED - RCR / PIR DALI motion sensor (963674)



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



Remote control for motion sensor HD01R (WSEL438)



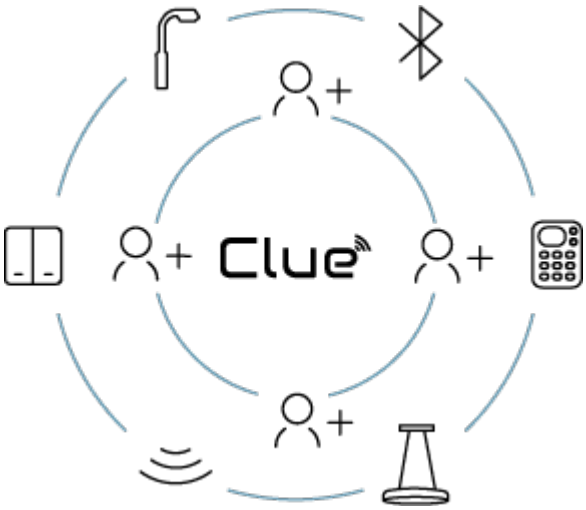
OCULUS LED - universal handle-lack of compatibility with Dali version 294W (964886)



OCULUS LED - RCR motion sensor (964244)

OCULUS LED IOT

GENERAL CARD



Generuj oszczędności

Efektywnie zarządzaj energią elektryczną dzięki funkcjom automatyzacji, jak inteligentne sceny, czujniki ruchu i automatyczne ściemnianie i wyłączanie oświetlenia, gdy nie jest konieczne.

Lena Lighting Clue

Bezprzewodowy system sterowania oświetleniem, który wykorzystuje technologię Bluetooth Mesh 5.0,zapewniając pełną kontrolę nad światłem w Twojej przestrzeni.Intuicyjna aplikacja i zaawansowane funkcje systemu Clue ułatwiają zarządzanie oświetleniem na drogach, w parkach, biurach, magazynach i innych przestrzeniach użytkowych.

Łącz modularnie elementy IoT

W systemie Lena Lighting Clue wszystkie komponenty z „BT HYT” w nazwie mogą się ze sobą komunikować przez Bluetooth SIG Mesh i są widoczne w aplikacji LL Clue.

Nie martw się o dane

BT Mesh oferuje zaawansowane bezpieczeństwo sieci dzięki szyfrowaniu end-to-end, uwierzytelnianiu urządzeń oraz unikalnym kluczom dla każdej warstwy komunikacji.

Rozbuduj system niezależnie od miejsca

Z systemem Clue inteligentnie rozświetlisz takie miejsca jak: biura i sale konferencyjne, magazyny i hale produkcyjne, hotele i restauracje, sklepy i galerie handlowe, drogi i parki.

Steruj i programuj z dowolnego miejsca

Dzięki użyciu opcjonalnej bramki dostępu możesz sterować i monitorować zużycie energii swojego oświetlenia z dowolnego miejsca.

Card creation date: 17 October 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: 153/2023; 447/2023

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl

Oculus LED IoT - explanation of the different versions:

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.

The IoT BT PIR 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; PIR motion and daylight sensor and DALI driver for dimming the light source.

The IoT RC PIR HYT version has: PIR motion and daylight sensor programmable by RC remote control and ON/OFF driver without dimming function of the light source.