Mymesh Product sheet
Connect any light, anywhere.

OLC-Z

Wirelessly control large outdoor areas

The OLC-Z is a smart lighting module for large outdoor areas. It enables you to easily connect, control and manage outdoor luminaires over long distances. Installation is very simple via the industry standard Z-module. If the luminaire is compatible with secondary Z-Module sockets, additional sensors can be added to the network.

Technical summary
The OLC-Z is powered via the integrated Z-Module.

The OLC-Z supports the following controllers:
- DALI 1.0 for Philips SR and Osram Dexal drivers
- 0-10V Dim

Network features
- Wireless, stand-alone network that is self-organizing and self-healing
- 868MHz communication for reliable data transfer
- Secure by design
- Ultra-scalable to > 10.000 fixtures in one network
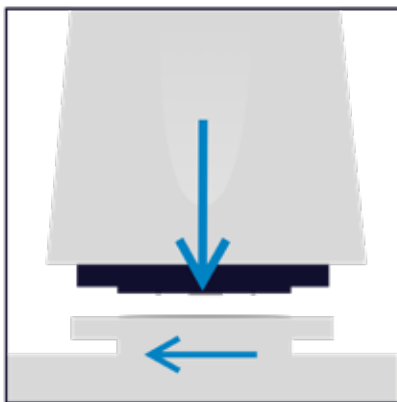- Low operational cost

Special features:
- Dimming and switching of a wide range of lights
- Low energy consumption by using the latest RF technology
- Up to 90% energy savings with light control
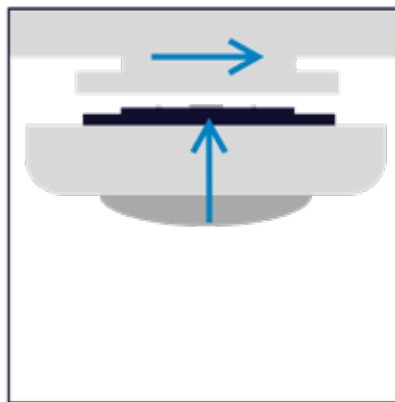- Data logging via Mymesh Management System (MMS)

Optional
- On-the-fly (re) commissioning with the Mymesh commissioning app*
- Connect to third-party back-office / Light Management system (LMS) via a Mymesh Ethernet Gateway
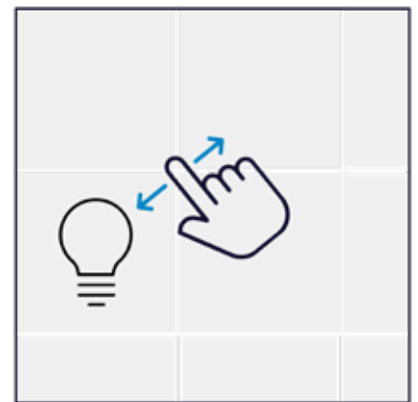
Easy commissioning

1. Connect the Z-Module
Simply push and then turn the module into the Z-socket. This locks and immidiately activates the OLC-Z.

2. Add sensors
Often, an additional sensor can be added via a Z-module underneath the luminaire.

3. Configure your network
Create lighting groups, set the desired behaviour and control your lights via the Mymesh App.

mymesh
by Chess

Technical specifications

Connections
Industry standardised Z-Connector

Power Supply
12-24VDC or powered DALI (SR or DX)

Controllers
- DALI
- 0-10V Dim
- SR or DX

Energy consumption
Typical: 0.2 Watt

Radio
868MHz ISM band
915MHZ ISM

Environment
Operating temperature -25˚C to +70˚C

Housing
DxH: ø 48mm x 125mm
Material: ABS/PC
Weight: 46 gram
Colour: Traffic Grey

Protection degree
IP66

Order information

Downloadable content
Extra information about this product can be found on the download page of our website. **https://chess.nl/downloads**

1. AUX
4. -
2. SR- / GND
3. SR+
Bottom view

1.

+/- 125

+/- 48