

Building Light Control

Mini BLC-4DI

Product Sheet



Wirelessly control any make or type of luminaire

The Mini BLC-4DI is a small smart wireless module with four digital inputs. With a Mini BLC-4DI you can commission all of our sensor- or actuator functionalities onto a digital input of your choice.

BLC modules automatically form a wireless sensor-and control network that is self-organizing and self-synchronizing, resulting in a robust and scalable smart lighting system that inherently is the foundation for a smart building network.

Easy Installation

The Mini BLC-4DI is small enough to fit into almost anything and its separate antenna makes up for extra flexibility. The installation of the Mini BLC-4DI is kept simple with two mounting slots. The wiring can be fixed and covered by an optional strain relief.

Technical Summary

A Mymesh Mini BLC-4DI operates in the 2.4GHz ISM band. The Mymesh network protocol ensures a resilient and reliable connection. The Mini BLC-4DI is fitted with an external antenna providing enough reach for most indoor office and industrial applications. Every BLC device acts like a repeater for the next device, expanding the range and reliability of the wireless network.

Product codes

BLC.5004.002
BLC.1616.001

Mini BLC-4DI
Strain Relief Mini BLC

Network Features

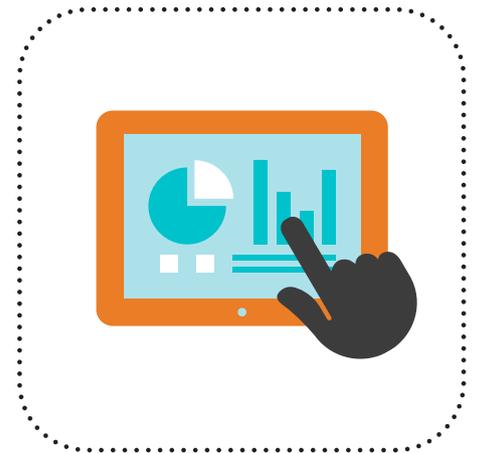
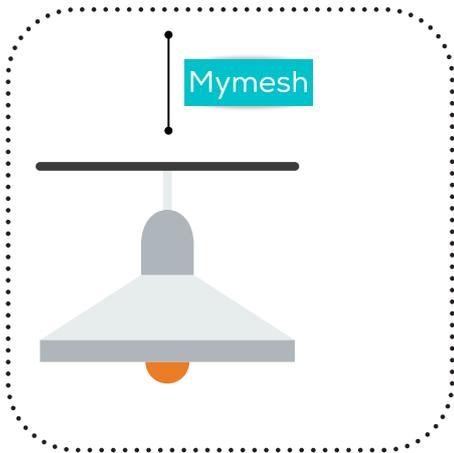
- Wireless, stand-alone network that is self-organising and self-healing
- 2.4GHz communication for reliable data transfer
- Secure by design
- Ultra-scalable to > 10.000 fixtures in one network
- Low operational cost

Special Features

- Can be commissioned as whatever you want, limited to the functionality our sensors or actuators can provide.
- Low energy consumption by using latest RF technology
- 30% (minimum) to 90% energy savings with light control

Optional

- On-the-fly (re) commissioning with a Mymesh BLE Gateway and Mymesh commissioning app for iPad
- Connect to third party backoffice / Light Management system (LMS) via a Mymesh Ethernet Gateway



Technical specifications

Connections

Power supply: single phase 230VAC (+/-10% 50Hz)

Wiring: 1.5 mm²

Antenna: SMA Female

Radio

2.4GHz ISM band (2.400 – 2.4835 GHz)

Housing

LxWxH: 84 x 30 x 24.9 mm

Material: ABS PA-765

Weight: approx 50 gram

Color: RAL 9003 (white)

Environment

Operating temperature -25°C to +70°C

Relative humidity 10% to 90%

Installation height maximum 2000m above sea level

Energy consumption

Typical: 0.2 Watt

Safety

Class II, double insulation

Overvoltage category II

Surge protection (1KV L/N)

Protection degree

IP20

Certification

ETSI EN 300 440

ETSI EN 301 489-01/03

IEC EN 60950-1:2006

CE marking