

## Micro BLC MicroWave



### Master your environment

The Micro BLC microwave is a smart lighting module with clip-on sensor functionality. A Micro BLC microwave enables you to easily control a dimmable luminaire and add a radar sensor for automatic control options.

#### Technical Summary

The Micro BLC microwave is powered via the new DiiA D4i standard or the driver's always-on, auxiliary power 12-24VDC power supply.

The Micro BLC microwave supports the following controllers:

- DALI 1.0 for Philips SR and Osram Dexal drivers
- DiiA D4i.0 standard
- 0-10V Dim



Add-on MicroWave Sensor

#### Customisation

An add-on microwave sensor can be connected to the device.

#### Network features

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

#### 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

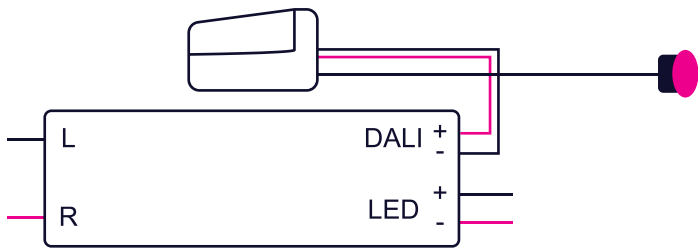
#### Optional

- 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

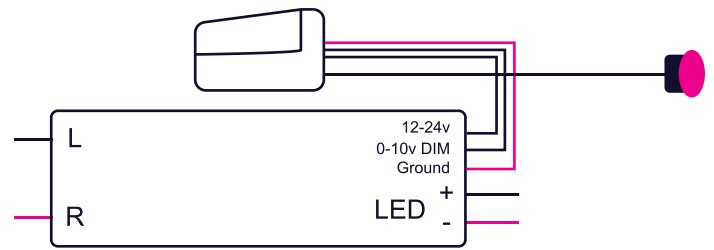
#### Mymesh Support Centre (MSC)

At the MSC, you can find the Mymesh e-courses which provide a lot of information about the network, the platform and other Mymesh functionalities. MSC is available for verified Mymesh Partners & Dealers.

# Installation

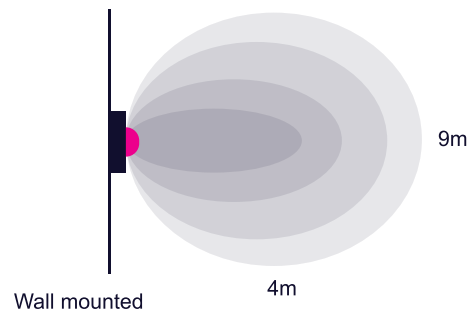
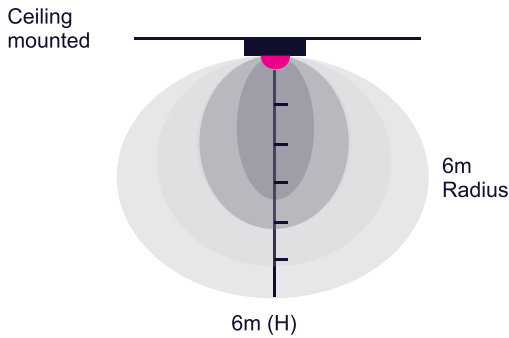


Philips Sensor Ready or OSRAM Dexal driver



0-10v dimmable driver with aux power supply

# Sensor Information



Connections	
Micro BLC MW	0,2 - 0,5 mm2 AWG 24-22, solid conductor
Protection Degree	
Micro BLC MW	IP20
Add-on Sensor	IP20
Energy Consumption	
Micro BLC MW	0.2 Watt
Radio	
Band	2.4GHz ISM band (2.400 – 2.4835 GHz)
Order information	
Micro BLC MW	BLC.6005.001
Add-on MicroWave Sensor	BLC.6406.001

Environment	
Operating Temp.	-25 C° to +70 C° (No frost, No Condensation)
Relative Humidity	10% to 90%
Installation Height	Maximum 2000m above sea level
Housing	
LxWxH Micro BLC MW	48.5mm x 25.3mm x 26 mm
LxWxH Sensor	30.7mm x 25.2mm x 12 mm
Material Micro BLC MW	ABS (PA-765 UL94 V-0)
Weight Micro BLC MW	35 gram
Colour Micro BLC MW	RAL9003