



## Mini BLC-4DI

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#### 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.

#### 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
- 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

#### Order information

- |                     |                        |
|---------------------|------------------------|
| <b>BLC.5004.002</b> | Mini BLC-4DI           |
| <b>BLC.1612.001</b> | Strain Relief Mini BLC |



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### Master your environment

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## Device information

<b>Connections</b>		<b>Environment</b>	
<b>Power Supply</b>	single fase 230VAC (+/-10% 50Hz)	<b>Operating Temp.</b>	-25 °C to + 70 °C
<b>Wiring:</b>	1.5 mm <sup>2</sup>	<b>Relative Humidity</b>	10% to 90%
<b>Antenna:</b>	SMA Female	<b>Installation Height</b>	Maximum 2000m above sea level
<b>Protection Degree</b>		<b>Certification</b>	
<b>MultiSensor</b>	IP20	ETSI EN 300 440	
		ETSI EN 301 489-01/03	
		IEC EN 60950-1:2006	
		CE Marking	
<b>Energy consumption</b>			
<b>Typical</b>	0.2 Watt		
<b>Safety</b>		<b>Housing</b>	
Class II, Double insulation		<b>LxWxH</b>	84mm x 30mm x 24.9mm
Overvoltage category II		<b>Weight</b>	approx 50 gram
Surge protection (1KV L/N)		<b>Material</b>	ABS PA-765
		<b>Colour</b>	RAL 9003White
<b>Order information</b>		<b>Radio</b>	
<b>Mini BLC-4DI</b>	BLC.5004.002	<b>Band</b>	2.4GHz ISM band (2.400 – 2.4835 GHz)
<b>Strain Relief Mini BLC</b>	BLC.1612.001		