

Product sheet

Micro BLC Industrial 0-10V



Making buildings smart

Description

The Micro BLC Industrial 0-10V is a for industry optimised IP67 smart lighting module. The device enables you to wirelessly connect and control a dimmable luminaire or grow light with one single 0-10V LED driver within professional and demanding environments.

Technical summary

The Micro BLC Industrial 0-10V is powered by the driver's 12 -24VDC always-on auxiliary power supply.

The Micro BLC Industrial 0-10V supports the 0-10V / PWM dim controller.

The Aohua 7pin contra connector to be connected to the drivers' 12Vaux/0-10V PWM dim cable (soldered connections).

Not compliant for LED drivers with common mode chokes.

Special features

- Dimming and switching of a wide range of lamps and LEDs
- 50% to 60% additional energy savings with automatic light control using motion detection and daylight harvesting

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 devices in one network
- Updates and new functionality can be installed with Over-The-Air updates.
- Cloud interface (API) available to connect with Building Automation Systems, dashboards, user apps and more.

Optional

- Connect to the Mymesh Management System for remote control, monitoring and management applications
- Connect to the Building Automation System for seamless integration with the buildings technical installations
- Connect to third party dashboards and apps

This product sheet is subject to change without notice.

Device Information

Connections		Environment	
Power Supply	12-24 VDC	Operating Temp.	-25° to + 70°C
Controller	0-10V / PWM dim	Relative Humidity	10% to 90%
0-10V output	Open collector (max 250 mA sink)	Installation Height	Max. 2000m above sea level
Aohua AH-M20-0207MFZ01112	Female connector 7pin		
Protection degree		Certification	
Micro BLC Industrial 0-10V	IP67	ETSI EN 300 440	
		ETSI EN 300 328	
		ETSI EN 301 489-01/03/17	
		IEC EN 62368-1	
		RED / CE / UKCA	
Order information		Housing	
Micro BLC Industrial 0-10V.	BLC.6602.001	LxWxH	67.40mm x 26.75mm x 27.75mm
Aohua AH-M20-0207MFZ01112	5606.6522.001	Weight	44 gram
		Material	ABS
		Colour	Black
Energy consumption		Radio	
Typical	0.2 Watt	Band	2.4GHz ISM band