

Product sheet

BLC - Glare

Making buildings smart

Description

The BLC-Glare is a light sensor for glare detection equipped with a battery and solar cell for charging the battery.

The Mymesh automated blinds on each façade of the building can wirelessly be controlled based on:

1. Glare detection
2. Sun position
3. Room or zone temperature

Technical summary

The ambient light sensor measures the actual lux level at the sensor head.

Lifetime battery depending on use and location. The BLC-Glare is fitted with an internal antenna.

Mymesh is a fully mesh wireless network protocol in which the applied Mymesh components communicate with each other and automatically organise themselves into a fully integrated wireless sensor- and control network, resulting in a robust and scalable smart control system that inherently is the foundation for a smart building network.

Easy Installation & commissioning

- Simple installation in front of the window on the different façades, no cables at all.
- On-the-fly (re)commissioning with the Mymesh Bluetooth Gateway and Mymesh Commissioning app available in the Apple App store for iPad.

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	Non replaceable and rechargeable battery	Operating Temp.	-20° to + 45°C
Battery Life	Lifetime battery, depending on location	Relative Humidity	25% to 90%
Protection degree		Installation Height	Max. 2000m above sea level
BLC-Glare	IP54	Certification	
Mounting		ETSI EN 300 440	
Surface mounting	No wiring	ETSI EN 301 489-01/03	
Light sensor		IEC EN 62368-1	
Type	Independent ambient light sensor	RED / CE / UKCA	
Range	1 – 65,000 Lux	Housing	
Radio		LxWxH	80mm x 80mm x 30mm
Band	2.4GHz ISM band	Weight	Approx. 85 gram
Order Information		Material	Plastic
BLC-Glare	BLC.5400.001	Colour	White
		Notification	
		Notifications	Red LED for identification during commissioning