

1. Technical Specifications

Operation frequency	2.4 GHz - 2.483 GHz
Transmission power	4 dBm
Range (Typical indoor)	10-30m
Protocol	Bluetooth® 5.0 SIG Mesh
Operating voltage	220-240VAC 50/60Hz
Stand-by power	<1W
DALI bus power supply	I guaranteed: 30mA I max: 80mA
Warming-up	20s
Sensor principle	High Frequency (microwave)
Detection range (Max.)*	Installation Height: 6m Detection Range (Ø): 10m (diameter)
Detection angle	30°-150°
Operation temperature	Ta: -20°C ~ +55°C
IP rating	IP20

2. Download the App

Free App for set-up and commissioning

Bluetooth 5.0 SIG mesh



Smartphone app for both iOS & Android platform



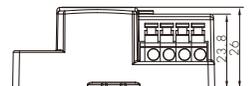
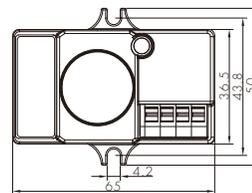
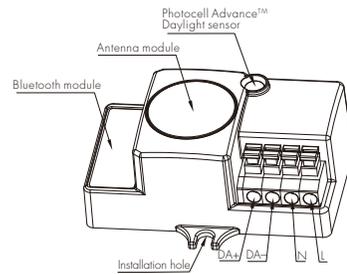
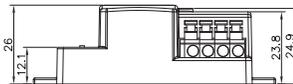
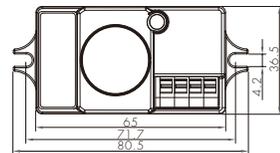
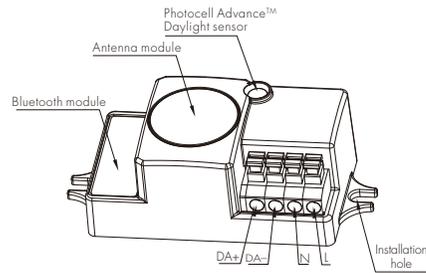
Koolmesh Pro app for iPad



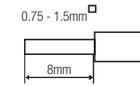
Web app/platform: www.iot.koolmesh.com

3. Installation

Mechanical Structure & Dimensions



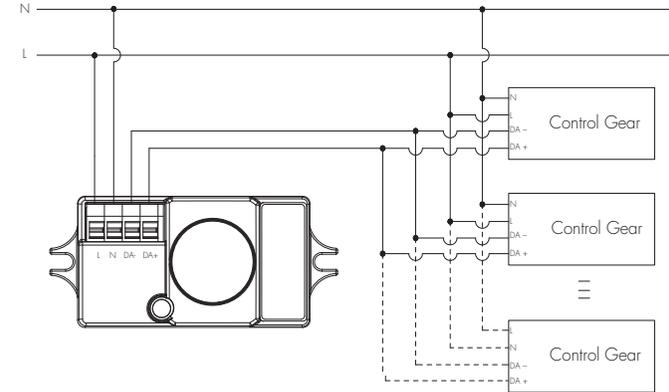
Wire Preparation



To make or release the wire from the terminal, use a screwdriver to push down the button.

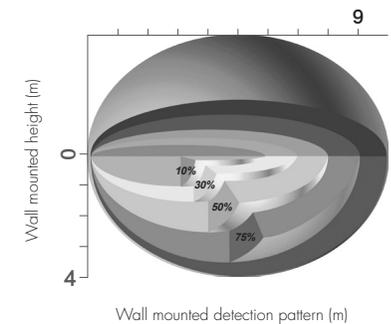
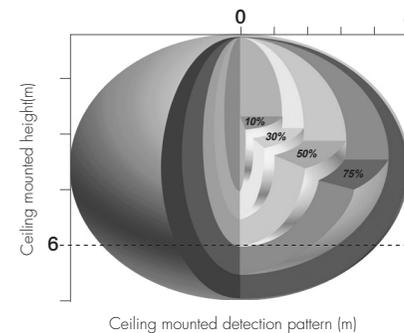
- 200 metres (total) max. for 1mm² CSA (Ta = 50 °C)
- 300 metres (total) max. for 1.5mm² CSA (Ta = 50 °C)

Wiring Diagram



—This product should be installed by a qualified electrician.

4. Detection Pattern



5. Additional Information / Documents

- For full explanation of Hytronik Photocell Advance™ technology, please kindly refer to www.hytronik.com/download ->knowledge ->Introduction of Photocell Advance
- To learn more about detailed product features/functions, please refer to www.hytronik.com/download ->knowledge ->Introduction of App Scenes and Product Functions
- Regarding precautions for Bluetooth product installation and operation, please kindly refer to www.hytronik.com/download ->knowledge ->Bluetooth Products - Precautions for Product Installation and Operation
- Regarding precautions for microwave sensor installation and operation, please kindly refer to www.hytronik.com/download ->knowledge ->Microwave Sensors - Precautions for Product Installation and Operation
- Data sheet is subject to change without notice. Please always refer to the most recent release on www.hytronik.com/products/bluetooth technology ->Bluetooth Sensors
- Regarding Hytronik standard guarantee policy, please refer to www.hytronik.com/download ->knowledge ->Hytronik Standard Guarantee Policy