

### 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
Load ratings	300VA(capacitive),400W(resistive)
Warming-up	20s
Sensor principle	High Frequency (microwave)
Detection range (Max.)*	Max installation height: 6m Max detection range: 10m (diameter)
Detection angle	30°–150°
Operation temperature	Ta: -20°C – +50°C
Case temperature (MAX.)	Tc: +75°
IP rating	IP20
EMC standard (EMC)	EN55015, EN61000, EN61547 EN60669-1/-2-1
Safety standard (LVD)	AS/NZS60669-1/-2-1
RED	EN300328, EN301489-1/-17, EN62479,
Certification	Semko, CB, CE, EMC, RED, RCM, UKCA

### 2. Download the App

Free App for set-up and commissioning

#### Bluetooth 5.0 SIG mesh



for iOS

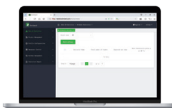
for Android

Smartphone app for both iOS & Android platform



for iPad

Koolmesh Pro app for iPad

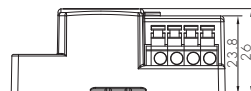
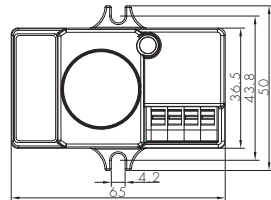
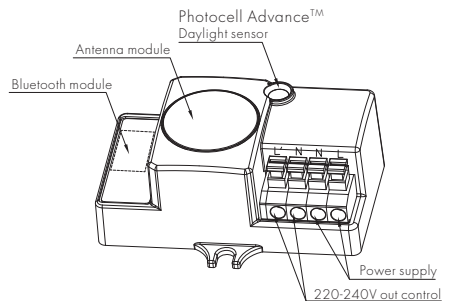
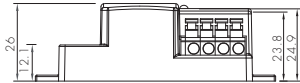
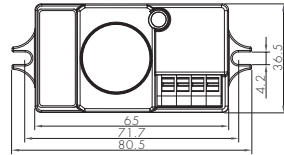
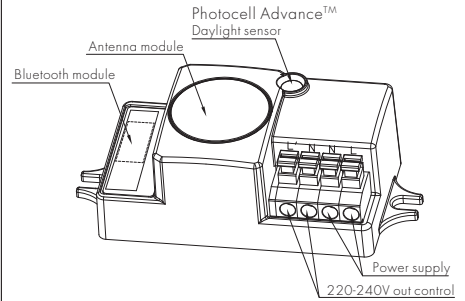


for Web

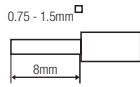
Web app/platform: [www.iot.koolmesh.com](http://www.iot.koolmesh.com)

### 3. Installation

Mechanical Structure & Dimensions

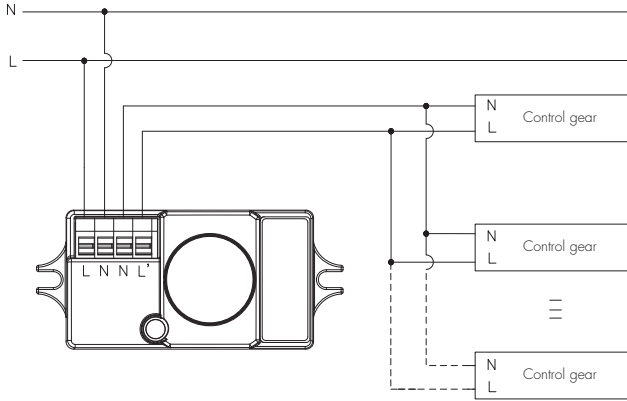


## Wire Preparation

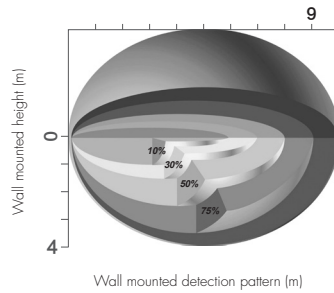
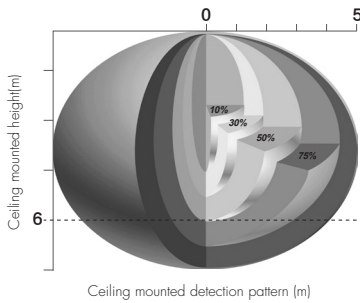


To make or release the wire from the terminal, use a screwdriver to push down the button.

## Wiring Diagram



## 4. Detection Pattern



## 5. Additional Information / Documents

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