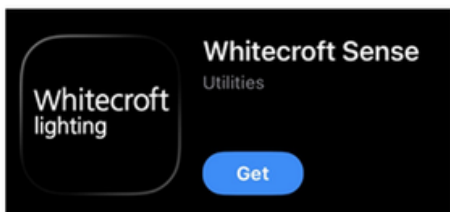


### 1. Technical Specifications

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

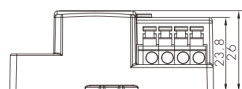
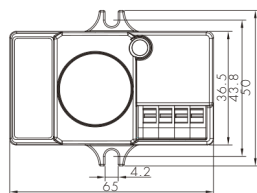
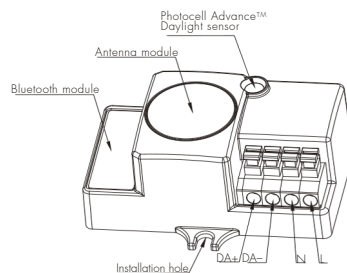
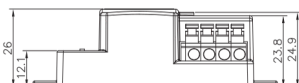
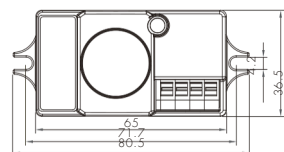
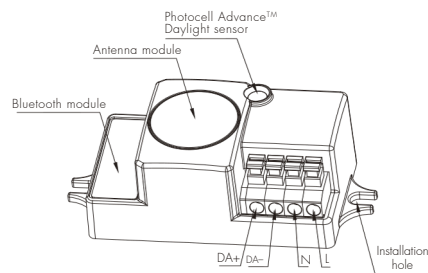


Download the Whitecroft Sense Commissioning App

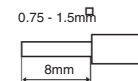
Available on iOS Appstore & Google PlayStore

### 3. Installation

#### Mechanical Structure & Dimensions



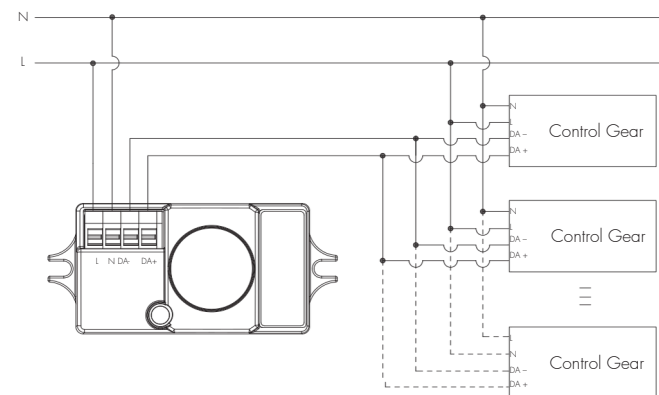
### Wire Preparation



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

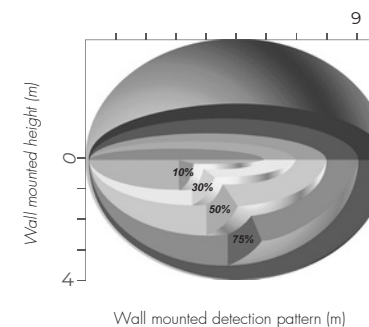
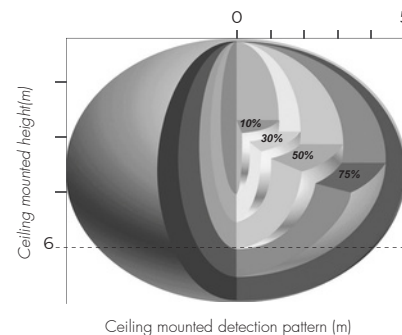
- 200 metres (total) max. for 1mm² CSA (T)a = 50
- 300 metres (total) max. for 1.5mm² CSA (T)a = 50

### Wiring Diagram



—This product should be installed by a qualified electrician.

### 4. Detection Pattern



### 5. Commissioning

Whitecroft recommends that Sense Microwave sensors are commissioned to 50-70% sensitivity in outdoor environments. This gives a detection area of approximately 6m in diameter.

Wireless Communication distance - 10m