

Installation and Instruction Manual

Sense External - Integral Microwave Fixed Output ON/OFF CONTROL

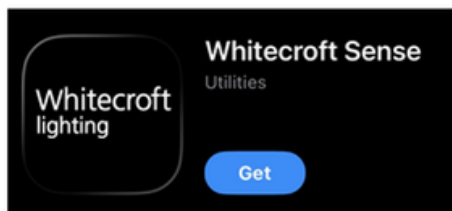
S/HC005S/BT-H

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
Load ratings	300VA(capacitive), 400W(resistive)
Warming-up	20s
Sensor principle	High Frequency (microwave)
Detection range (Max.)*	Max installation height: 6m Max detection range: 6m (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

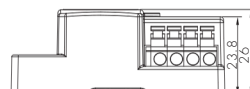
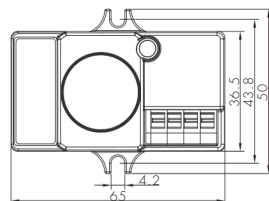
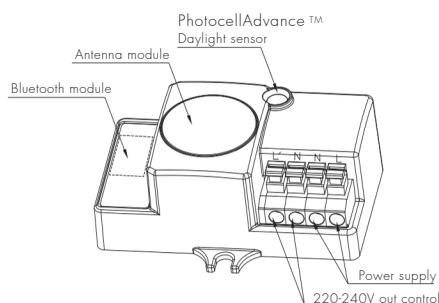
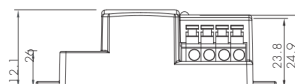
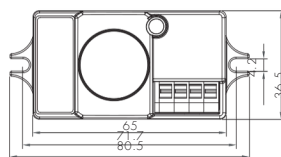
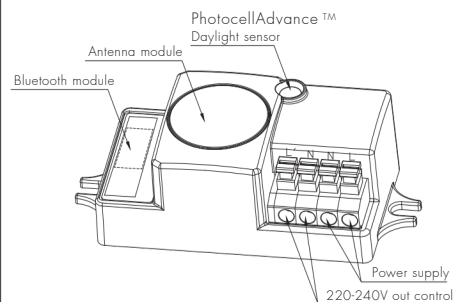


Download the Whitecroft Sense
Commissioning App

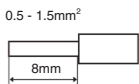
Available on iOS Appstore & Google
PlayStore

3. Installation

Mechanical Structure & Dimensions

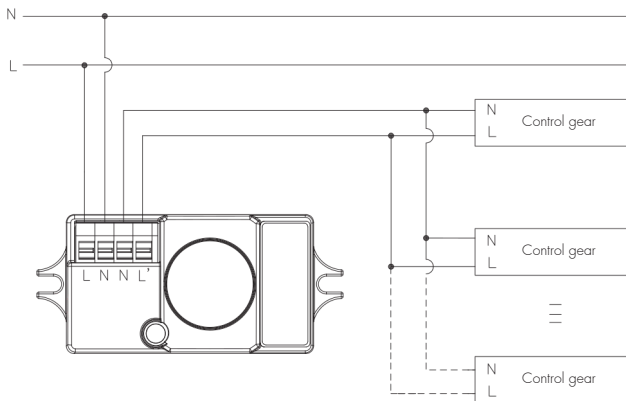


Wire Preparation

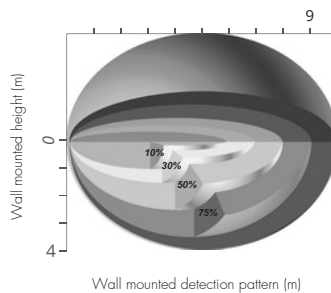
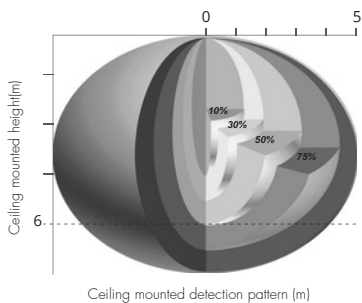


To make or release the wire from the terminal, use a screwdriver to push down the button.

Wiring Diagram



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