



EE870



EE871

### Outdoor IP55

The EE870 motion detector utilises a 220° directional long range sensor with creep detection which monitors the area directly below sensor giving added peace of mind.

These devices are made for automatic control of lighting in both the residential and private/public commercial sectors.

- Large range 220°
- IP55 reinforced for weatherproofing
- Detection head with overmoulded fresnel lenses and PIR detectors

### Features

- Twin 220°/360° to detect in a frontal and downwards zone.
- Time, lux and sensitivity are achieved locally, via potentiometers.
- The enhanced range and LED lights can be set with an IR remote control which provides speed and convenience when setting final adjustments.
- Detectors can be mounted in corners utilising the relevant mounting accessory - EE855/EE856

### Power Supply

- 230V AC (50/60Hz)
- Output: 10A AC1 relay and cut phase

Complies with EN 60669-1 & EN 60669-2-1.



### Description

Enhanced Motion Detector Comfort 220/360° White

Enhanced Motion Detector Comfort 220/360° Anthracite

Corner Bracket Motion Detector Comfort White

Corner Bracket Motion Detector Comfort Anthracite

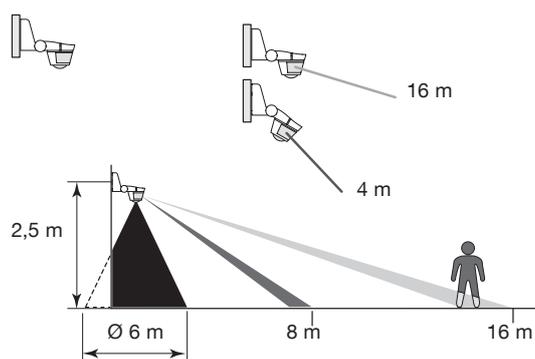
### Cat ref.

**EE870**

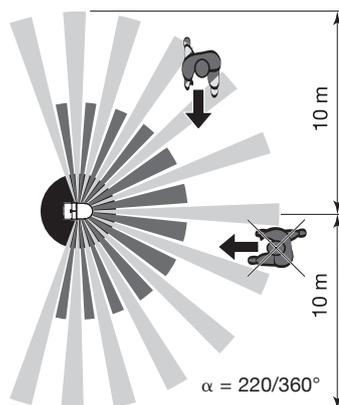
**EE871**

**EE855**

**EE856**



The optimal height of installation is 2.5 m.  
The detection field must remain free.



### Technical characteristics

Supply voltage	230V~ 50Hz
Detection Type	Motion
Detection (Length)	16m
Detection (Width)	16m
Detection angle	220°/360°
Standby consumption	1.2W
Duration of lighting output operation (S1)	5secs to 30min
Luminosity threshold	5... 1000 lux
Recommended installation height	2.5m (2m-4m)
Operating temperature	20°C to +55°C
Storage temperature	20°C to +60°C

Table continued on next page.

Insulation class	II
Protection rating	IP55
Standards	EN60669-1 EN 60669-2-1
Pollution degree	2
Connection stranded	Max 1.5mm <sup>2</sup>
Connection solid	Max 1.5mm <sup>2</sup>
Remote programming	EE806
Remote control	×
Adjustable shutters (Supplied)	✓
Dimensions (L*W*H)	127mm x 83mm x 97mm

Lighting Loads 230V~ AC1	10A
Switching Capacity (Incandescent)	2300W
Halogen lamps LV	
Halogen ELV (12 or 24V) via ferromagnetic or electronic transformer	1500VA
Compact Fluorescent	20 x 20W
LED	20 x 20W
Parallel compensated fluorescent tubes	400W/C=45µf
Flourescent tubes non compensated	
Electronic ballast	580W
Controllable remote dimmer switches 1000W 1/10V (EV100, EV102)	
DSI/DALI ballast	