



EE820

**Outdoor IP55**

EE820 is used for the control of outdoor lighting. The IP55 rating means that the sensor is suitable for installation outside in the elements. The detection range is 16m with detection angle of 140° allowing the sensor to be positioned to cover an area for enhanced comfort and security.



**Typical usage:**

Outside lighting in residential and commercial applications where lighting is required to be automatically activated and deactivated dependant upon movement of people in and out of the detection area.

**Features**

- 140° frontal detection zone
- Time and lux are achieved locally, via potentiometers.
- Detectors can be mounted in corners or to ceilings utilising the relevant mounting accessory

**Power Supply**

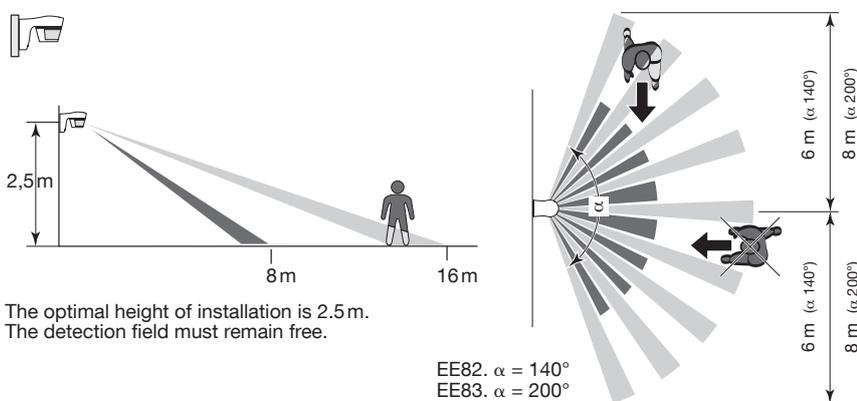
- Basic detector
- 230V AC (50/60Hz)
  - Output: 10A AC1 relay

Description

Basic Motion Detector 140° White

Cat ref.

EE820



**Technical characteristics**

Supply voltage	230V~ 50Hz
Detection Type	Motion
Detection (Length)	16m
Detection (Width)	12m
Detection angle	140°
Standby consumption	1.2W
Duration of lighting output operation	5 s... 15 min
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
Insulation class	II
Protection rating	IP55
Standards	EN 60669-1, EN 60669-2-1
Pollution degree	2

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Connection stranded	Max 1.5mm <sup>2</sup>
Connection solid	Max 1.5mm <sup>2</sup>
Remote programming	x
Remote control	x
Adjustable shutters (Supplied)	✓
Dimensions (L*W*H)	127 X 83 X 97mm
Lighting Loads 230V~ AC1	10
Switching Capacity (Incandescent)	1500W
Halogen lamps LV	-
Halogen ELV (12 or 24V) via ferromagnetic or electronic transformer	1500VA
Compact Fluorescent	10 X 20W
LED	-
Parallel compensated fluorescent tubes	290W/C=32μf
Flourescent tubes non compensated	-
Electronic ballast	580W