

Installation Instructions: Apex Plug In PIR Sensor for Battens, with Dual On/Off and Corridor Dim Functionality

Code: 70349 (Apex PIR Sensor Remote Control, Code: 15199)

Date	Revision
20.2.26	3



Read these instructions before installation and retain for future reference. This equipment should be installed by a competent electrician



Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations and local building control.

- BELL Lighting will not accept responsibility for any claims arising from poor installation.
- The operating temperature should be between -20 and 35°C, and 0 to 35°C for emergency fittings.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.
- Not suitable for ATEX hazardous zones (explosive atmospheres).
- To ensure optimum performance, keep the front diffuser clean. Wipe with a soft, damp lint free cloth. Do not use soaps, detergents, solvents or abrasive materials.
- Not intended for use by children.
- To be used with BELL APEX Battens only. Do not re-configure for use with other products.
- Avoid positioning near metal objects such as pipes or racking, or near moving objects such as fans and heating vents, as they can cause false triggering.
- Always use a compatible replacement battery in the remote control.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible, recycle your packaging.



INSTALLATION INSTRUCTIONS

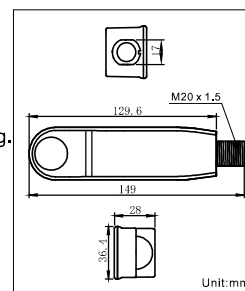
SPECIFICATION

The 70349 mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 5V PWM LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing.



OVERVIEW

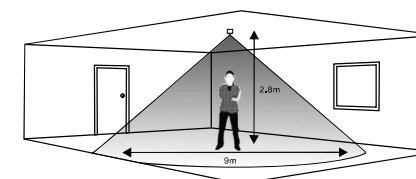
- PIR sensor.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 7m.
- 360° coverage pattern.



TECHNICAL DATA

Motion Sensing	Passive infrared sensor
Input Power	220-240VDC
Control Output	5V PWM (Gradual change)
Detection angle	360°
Mounting height	Max. 7m
IP Rating	65

DETECTION DIAGRAM



Note: illustration shows an average of the walk across and walk towards figures below.

Area of high sensitivity Area of lower sensitivity

Walk across

Height	Range	Diameter
7m	16m	
2.8m	9m	

Walk towards

Height	Range	Diameter
7m	10m	
2.8m	5m	

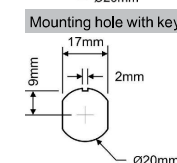
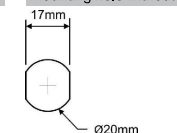
INSTALLATION

Do not grip unit at the lens end. Hold the square body near the threaded end when installing and tightening the nut. Care must be taken to prevent damage to the lens and surrounding IP seal.

Components

Part	Quantity Supplied
 Silicone washer	2
 5° washer	1
 5° spacer	1
 M20 nut	1

Mounting hole without key



Note. Key to be at top of sensor.

British Electric Lamps Ltd
BELL House, Foxbridge Way, Normanton Industrial Estate
Normanton, West Yorkshire. WF6 1TN

BELL Ireland
Marina House, Clarence Street, Dun Laoghaire
County Dublin, Ireland, A96 AX76

T: +44 (0)1924 893380 F: +44 (0)1924 894320 E: sales@belllighting.co.uk

www.belllighting.co.uk

Technical Helpline +44 (0)1924 893380

Technical@belllighting.co.uk



www.bellighting.co.uk