

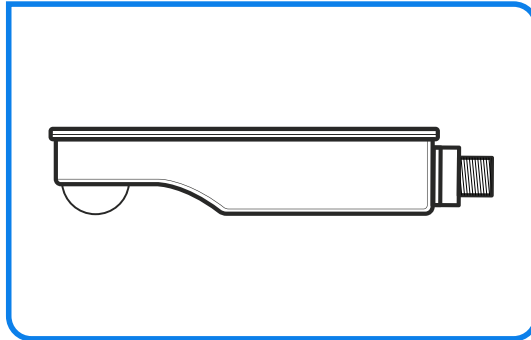
FXS09 BATTEN MOUNT PIR SENSOR



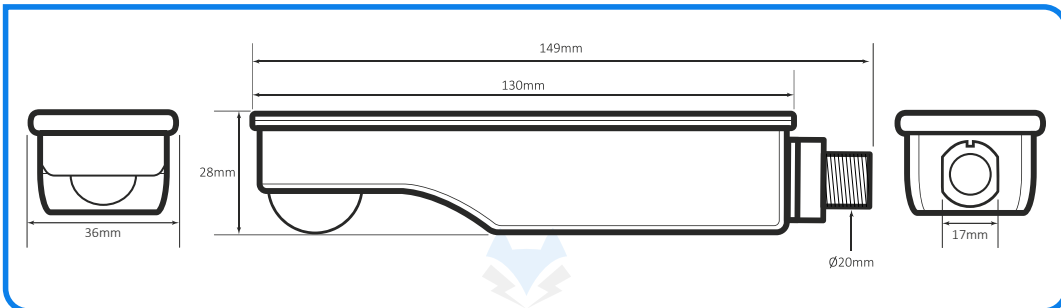
FEATURES

- Specifically designed for batten style luminaries
- Daylight monitoring with onboard photocell
- Settings adjusted via remote control

KEY ELEMENTS



DIMENSIONS



Technical Data

Operating Voltage	220-240V AC 50-60Hz
Rated Load	450W
Standby Power	<0.8W
Sensor Technology	PIR
Mounting Height	2.8-7m
Detection Radius	4.5 to 8m
Operating Temperature	-10°C to 35°C
IP Rating	IP65

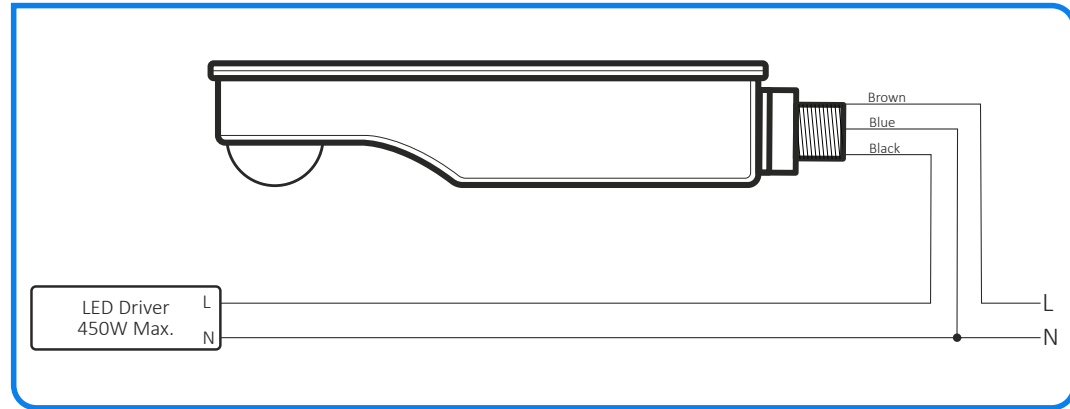
Logistics Information

Product Dimensions	149 x 36 x 29mm
Net Weight	0.15kg
Box Dimensions	160 x 60 x 60mm
Gross Weight	0.15kg
Carton Qty	50pcs
Carton Dimensions	350 x 320 x 320mm
Carton Weight	8.30kg
Commodity Code	8536508090

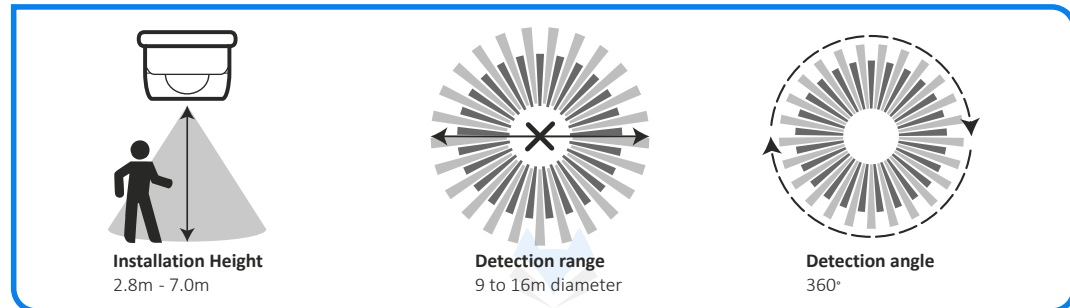
Materials

Housing	Polycarbonate
Finish	Matt
Colour	White

WIRING



DETECTION

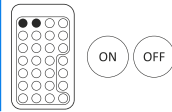
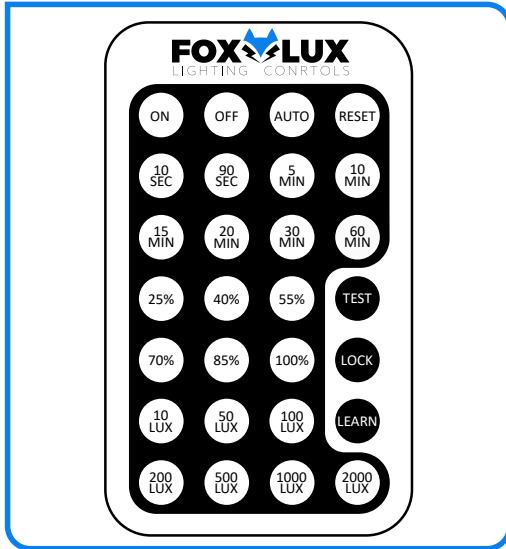


SENSOR DEFAULT SETTINGS:

Sensitivity: 70%
 Hold Time: 10 seconds
 Lux Control: 2000lux (disable)

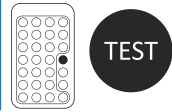
If alternative settings are required can be adjusted via our IR remote handset.

REMOTE



ON / OFF

ON= always on
 OFF=always off
 Turns to auto after 6h of inactivity.
 Note: this mode is indicated by a flashing red indicator



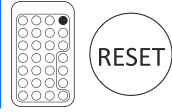
TEST

Test mode turns the sensor on for 2s, to quit press auto.



AUTO

Automatic sensor mode, functions according to the chosen settings for motion, hold time and ambient light.
 Note: When motion is detected the red indicator will flicker



RESET

The reset button reverts the sensor to the factory settings.



LOCK

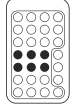
Lock mode disables everything but the on, off and lock buttons.
 On = Always on
 Off = Always off
 Lock = Exit Lock mode



LEARN

If pressed, learns the current lux value and saves it as the daylight threshold.

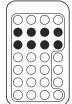
SENSITIVITY



25% 55%
 70% 100%

The sensitivity setting controls the distance that the sensor reacts to.

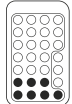
HOLD TIME



10 SEC 5 MIN
 20 MIN 60 MIN

Hold time sets how long the fixture stays on after it detects motion.

LUX CONTROL

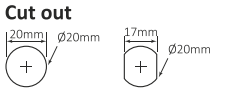
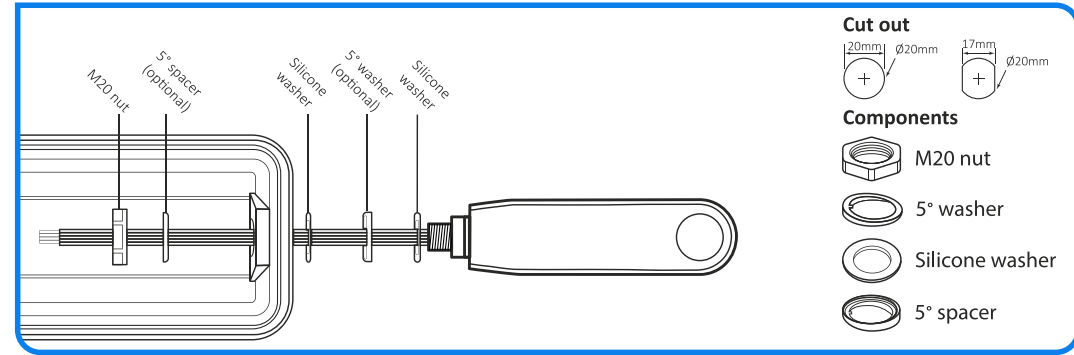


10 LUX 50 LUX
 500 LUX 2000 LUX

Sensor will remain off until light level is below the value selected.

Note: The luminaire will flash twice to indicate a new command being received.

INSTALLATION



Components

- M20 nut
- 5° washer
- Silicone washer
- 5° spacer

This sensor is designed to be installed on the outside of a luminaire. The sensor must be mounted so it can detect the movement of people within the detection area.

The sensor detects movement using the passive infra-red system so will detect movement of heat within its detection area. PIR sensors require direct line of sight and are unable to penetrate glass, plastic, metal, wood or other similar material. Install at a height of 2.8m for best results, lower installation heights will reduce the detection area.

Do not install within 1m of ventilation or a heat source as this may lead to false triggering or poor detection.

SYMPTOM	CAUSE	SOLUTION
Sensor will not work	- Incorrect lux control setting - No power to sensor - Faulty sensor	- Check "lux control" setting - Check power supply - Replace sensor
Sensor is continuously activated	- Movement is detected continuously - Duration setting too long	- Check "sensitivity" settings - Check "duration" setting
Sensor activates without any noticeable movement	- Sensor is experiencing local vibrations - Sensor is detecting unseen movement behind wall or obstruction	- Check sensor is securely mounted - Reduce "sensitivity" setting
Sensor will not detect motion	- Detection is blocked by metal work - Motion is too far away or too fast	- Check the sensor is not obstructed - Increase "Sensitivity" setting