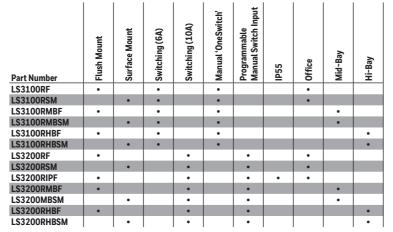


**LightSpot HD Switching PIR Sensors System** 



**Security**For details of securing the product and system see the General Security Best Practice for Ex-Or Products Information Sheet - D6004.

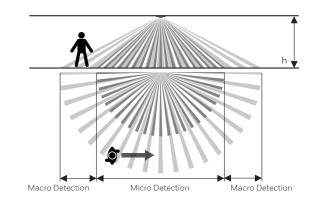
### 1) Determine Position

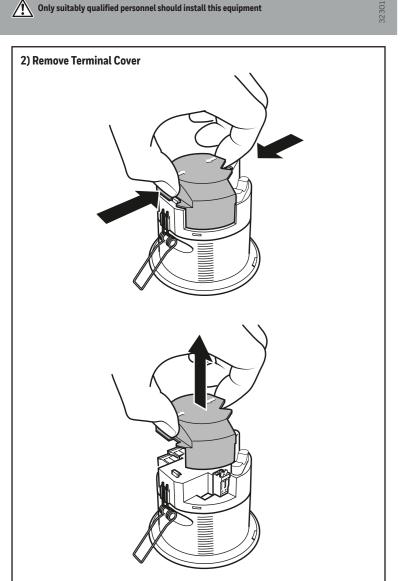
The unit should be positioned on the ceiling in the centre of the occupied space either flush mounted or surface mounted (e.g on a BESA box). Avoid exceeding maximum recommended mounting height.

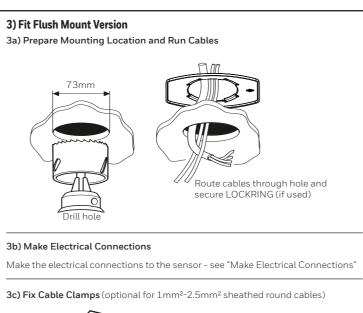
	Aspect Ratio (diameter : height)		
	Micro Detection - High	Macro Detection - Standard	Max recommended
	Sensitivity	Sensitivity	mounting height (h)
Office	2.8:1	4:1	3.5m
	7m diameter @2.5m height	10m diameter @2.5m height	
Mid-	N/A	2:1	12m
Bay		20m diameter @10m height	
High-	N/A	1.9:1	16m
Bav	IN/A	27m diameter @14m height	TOILI

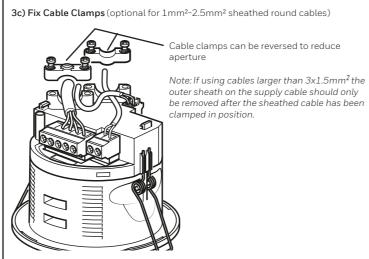
The unit is more sensitive to movement when direction of travel is along the vertical and horizontal planes. To achieve optimal occupancy detection the sensor must be



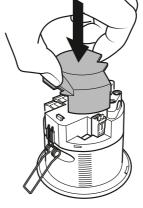




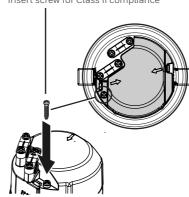


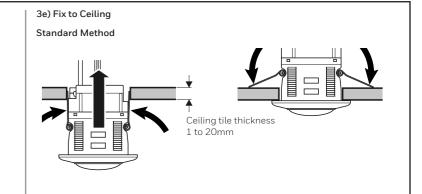


3d) Replace the Terminal Cover



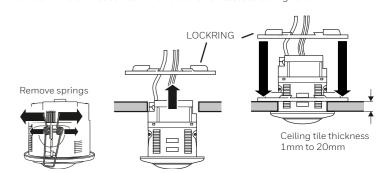
Insert screw for Class II compliance





## LOCKRING Method

The LOCKRING cannot be used when there is no access to ceiling void.

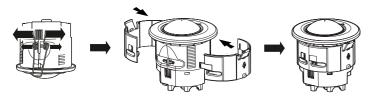


NOTE: To remove sensor rotate LOCKRING and pull up

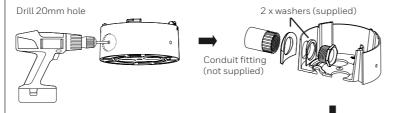
# 4) Fit Surface Mount Version

Note: If a surface mount version has been ordered a flush mount version and a surface mount kit will be provided.

### 3a) Remove springs & Attach Shell



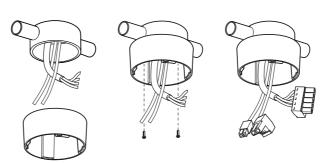
# 4b) Attach Conduit Fittings & Cable Glands to Lower Housing (if required)



Tighten the locking nut. The inner washer can be omitted if there is insufficient thread

# 4c) Prepare Mounting Location and Run Cables

The sensor may be mounted to any suitable surface, but is most commonly fixed to a conduit stop-end (BESA) box or bushed to trunking.

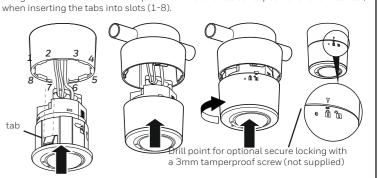


#### 4d) Make Electrical Connections

Make the electrical connections to the sensor - see "Make Electrical Connections"

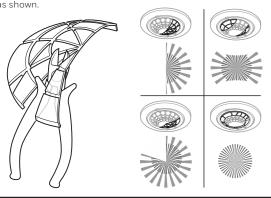
### 4e) Fix to Ceiling

8 segments on the collar allow up to four different rotational positions for the sensor,





Two lens masks are provided which may be used to restrict the viewable footprint of the sensor e.g. unwanted detection through a doorway. Cut the mask segment(s) as desired and install by pushing the mask lip between the bezel and the lens on the sensor as shown.



### 6) Perform Walk Test

Follow the instructions provided with the QSP. While the sensor is in walk-test mode, the LEDs on the sensors are automatically enabled and it will turn on the lighting for only a few seconds each time occupancy is detected.



Stand out of the unit's viewable footprint or remain motionless within the viewable footprint and wait for the lights to go out.



Wait a further 5 seconds for the unit to stabilise then make a movement, the lights should come back on. Observe that the detection / non-detection is as expected.

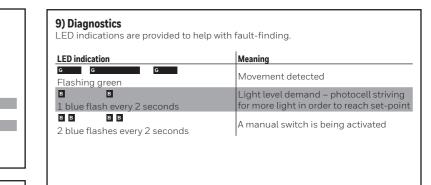
#### 7) Out of Box Behaviour

This range of products features a rich set of adjustable parameters that may be programmed via the hand-held infrared commissioning tools in order to create a sophisticated lighting control installation. There are no physical switches or potentiometers on the product.

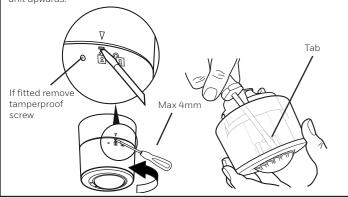
Time Delay	20 Minutes
Photocell Setting	Always turn on when occupied
Occupancy Mode	Automatic (lights Auto On, Auto OFF)
Movement Sensitivity	Maximum
LED Indication	Disabled

# 8) Configuration

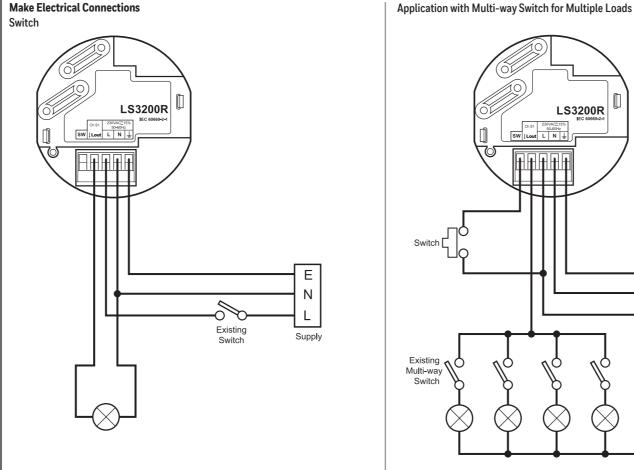
Once installed the unit must be configured using the QSP to create the required lighting control installation - see the Quickset Pro Engineering Manual - W6001.

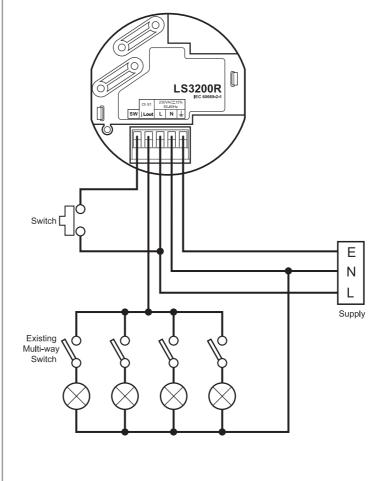


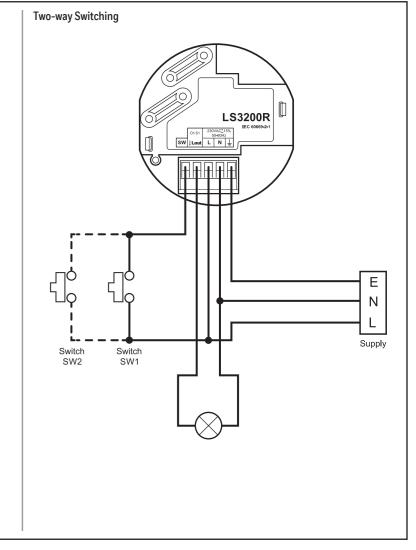
Insert a flat headed screwdriver into the slot as shown and twist the collar anticlockwise to release. To separate the unit from the surface mount casing, push a flat headed screwdriver onto the tab via the inside void of the casing and pull the unit upwards.

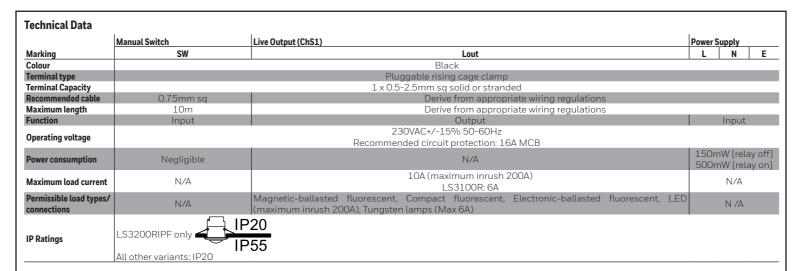


# MPORTANT NOTES











At the end of their useful life the packaging and product should be disposed of via a suitable recycling centre. Do not dispose of with normal ousehold waste. Do not burn.

Honeywell

Horsham, West Sussex RH12 1BW Tel: +44 (0)1942 719229 Web: www.ex-or.com

St Marks Court, North Street

