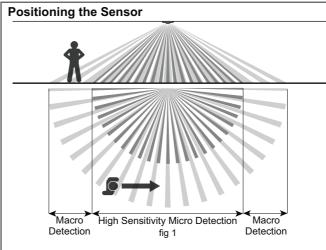


LS3260F LS3260SM LS3270F LS3270SM LS3283RF LS3283RSM LS3260MBF LS3260MBF LS3260MBF LS3260MBF LS3260MBF LS3260MBF LS3260MBF LS3260MBF	Part Number	Flush Mount	Surface Mount	Mains Switching	Low Voltage Switch Inputs	Office	Mid Bay	High Bay	Tiking
LS3270F LS3270SM LS3283RF LS3283RSM LS3260MBF LS3260MBF LS3260HBF LS3260HBSM LS3260HBSM LS3263MBF LS3263MBF LS3263MBF	LS3260F	•				•			
LS3270SM LS3283RF LS3283RSM LS3260MBF LS3260MBSM LS3260HBF LS3260HBSM LS3263MBF LS3263MBF LS3263MBF	LS3260SM		•			•			
LS3283RF	LS3270F	•			•	•			
LS3283RSM	LS3270SM		•		•	•			
LS3260MBF	LS3283RF	•		•	•	•			•
LS3260MBSM	LS3283RSM		•	•	•	•			•
LS3260HBF	LS3260MBF	•					•		
LS3263MBF • • • •	LS3260MBSM		•				•		
LS3263MBF • • •	LS3260HBF	•						•	
	LS3260HBSM		•					•	
I S2263MPSM	LS3263MBF	•					•		•
	LS3263MBSM		•				•		•



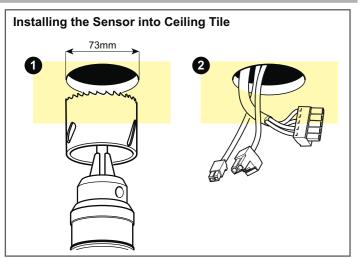
The sensor should be positioned on the ceiling in the centre of the occupied space. As the sensor is more sensitive to movement across the beam compared to movement towards the center; see fig.1, careful attention should be taken to achieve the correct orientation of the sensor. This product is available in three different mounting height variants; see fig.1 and the table below. Ensure that the maximum recommended mounting height is not

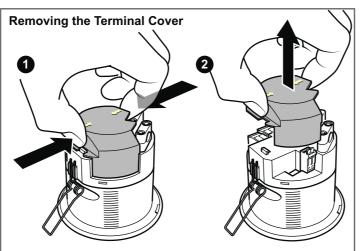
see rig. 1 and the table below. Ensure that the maximum recommended mounting height is not exceeded. Avoid mounting next to an Air Conditioning unit.

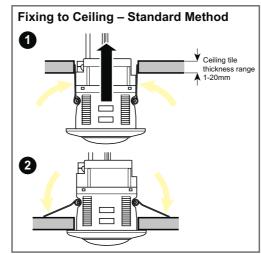


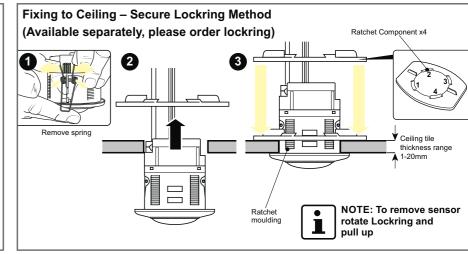
To achieve optimal occupancy detection the sensor must be orientated as shown in the diagram. The sensor is more sensitive to movement when direction of travel is along the vertical and horizontal planes, as indicated by the arrows.

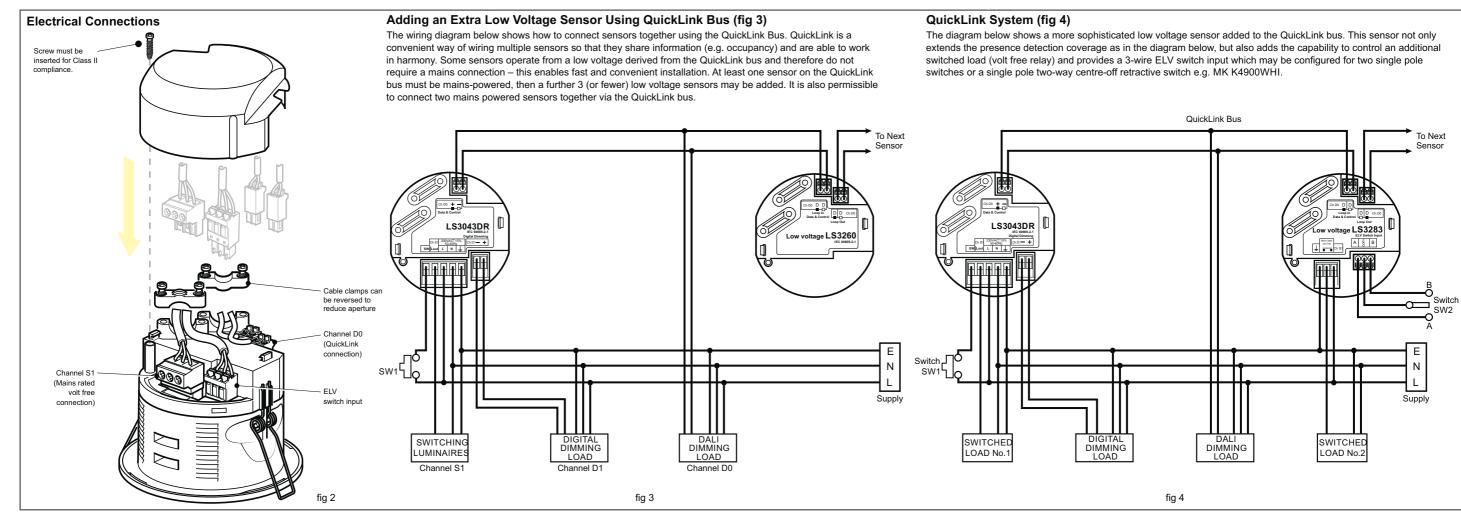
	Aspe (diamete				
Туре	Micro Detection - High Sensitivity	Macro Detection - Standard Sensitivity	Max recommended mounting height		
Office	2.8:1 (7m diameter @ 2.5m height)	4:1 (10m diameter @2.5m height)	3.5m		
Mid Bay	N/A	2:1 (20m diameter @10m height)	12m		
High Bay	N/A	1.9:1 (27m diameter @14m height)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

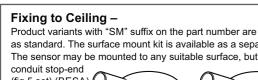


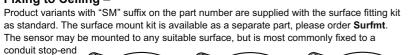




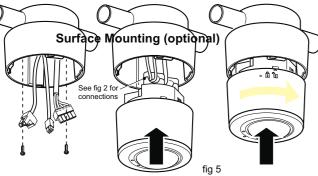






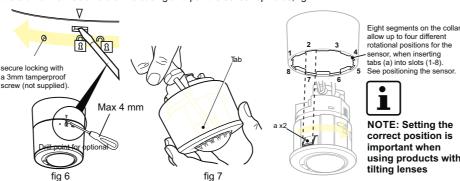


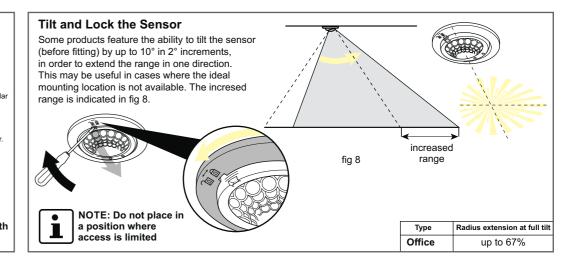
(fig 5 set) (BESA) box or bushed to Surface Mounting (optional) trunking.



Uninstalling and Repositioning

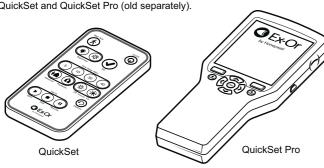
Insert a flat headed screwdriver (max 4mm) into the slot as shown and twist the collar anti-clockwise to release, fig 6. To separate the sensor from the surface mount casing, push a flat headed screwdriver onto the tab via the inside void of the casing and pull the sensor upwards, fig 7.

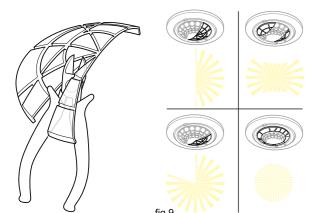




WalkTesting / Lens Masking

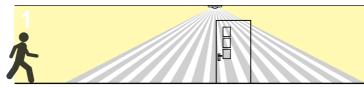
In order to verify correct installation, walk-testing is recommended. An infrared commissioning tool will be required to put the detector(s) into walk-test mode. Two infrared commissioning tools are available: QuickSet and QuickSet Pro (old separately).





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 in fig 9.

Follow the instructions provided with the selected commissioning tool. 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 sensor's viewable footprint or remain motionless within the viewable footprint and wait for the lights to go out.



NOTE: After 5 minutes, the sensor will automatically exit walk-test mode without requiring any action from the operator.



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

Earth Mains Rated ELV Switch QuickLink

QuickLink

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.

Out of Box Behaviour

Prior to commissioning, the default settings for each channel of the sensor will be as follows:

Time Delay: 20 minutes

Photocell Setting: Always turn lights on when occupied

Dimming Level: 100%

Occupancy Mode: Automatic (lights Auto ON, Auto OFF)

Movement Sensitivity: Maximum

Digital Ballast Type DALI



NOTE: Please go to www.ex-or.com for a complete list of programmable parameters.

Technical Data

	Luitii	Volt F	ree	Input		Loop In		Loop Out		
Marking	E			Α	Com	В	D	D	D	D
Colour	Black			Green		Red		Red		
Terminal type	Pluggable rising cage clamp			Pluggable screwless			Pluggab screwles		Pluggable screwless	
Terminal capacity	1 x 0.5-2.5mm sq solid or stranded			1 x 0.5-1.5mm sq solid or stranded					1 x 0.5-1.5mm sq solid or stranded	
Recommended cable	Derive from appropriate wiring regulations			0.75mm sq			0.75mm sq			
Maximum length				10m			100m total system length			
Function	Termination only	n Out	out	Input		Input		Output		
Operating voltage	230VAC+/-15% 50-60Hz Recommended circuit protection: 16A MCB			(ELV)		12-22VDC				
Power consumption	Zero			Negligible		160mW (12mA)		160mW (12mA) per additional device		
Maximum Load current	10A (maximum inrush 200A)			N/A		N/A		N/A		
Permissible load types/connections	Magnetic-ballasted fluorescent, Compact fluorescent, Electronic-ballasted fluorescent, LED (maximum inrush 200A), Tungsten lamps (max 6A)			N/A		N/A		N/A		

Diagnostics

Detectable wiring faults are always indicated by the LEDs, irrespective of whether they are enabled.

LED indication	Meaning
G Green in response to movement or not	Movement detected
1 blue flash every 2 seconds	Light level demand – photocell striving for more light in order to reach set-point
2 blue flashes every 2 seconds	A manual switch is being activated
Long red flash every 2 seconds	100hr lamp burn-in is in progress – this means dimming will not be permitted for the duration
2 red flashes every 2 seconds	Channel D0 error – e.g. 1. Too many QuickLink mains-powered devices connected together, or 2. Dimming terminals connected somewhere they shouldn't be
3 red flashes every 2 seconds	Channel D0 error – e.g. 1. Possible short circuit, or 2. Too many luminaires, or 3. Too many QuickLink low voltage sensors, or 4. QuickLink mains-powered sensors connected together with wrong polarity



Web: www.ex-or.com

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 household waste. Do not burn.



/ IMPORTANT NOTES

- 1. A means for disconnection must be incorporated in the fixed wiring in accordance with the current wiring regulations.
- 2. Dimming and QuickLink terminals have only basic isolation from mains and therefore should be wired in mains-rated cable and treated with the same respect as mains with regard to wiring practice.
- This equipment is designed to switch lights no more frequently than normal manual operation. However, manufacturers of some particular lighting types (e.g. '2D' luminaires) may specify a maximum number of switching cycles and/or a minimum on-time in order to achieve a predicted lamp life. Please check with the manufacturer of the luminaires to ensure that they are compatible with automatic controls in this respect.
- 4. In order to achieve satisfactory light level regulating operation, a sensor must observe a substantially greater proportion of artificial light from the luminaire(s) under its control than from neighbouring luminaires not under its control. This is particularly important when planning the installed layout of linear luminaires that have an integral detector positioned at one end.
- 5. All information given in this document was correct at the time of

TECHNICAL SUPPORT +44 (0)1942 719229

St. Marks Court, North Street, Horsham, West Sussex, RH12 1BW, UK Tel: +44 (0)1942 719229

