



	Aspect ratio (diameter : height)		
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

Fixing to Ceiling – Surface Mounting (optional)

Uninstalling and Repositioning



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 (Sold separately).



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.

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

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

Movement Sensitivity: Maximum

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

TECHNICAL SUPPORT +44 (0)1942 719229 Opt 1



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.

Technical Data Live Output (ChS1) Power Supply Manual Switch N Е Marking SW Lout L Colour Black Pluggable rising cage clamp Terminal type Terminal capacity 1 x 0.5-2.5mm sq solid or stranded Recommended 0.75mm sq rahle Derive from appropriate wiring regulations Maximum length 10m input Functior input output 230VAC+/-15% 50-60Hz Operating Voltage Recommended circuit protection: 16A MCB 150mW [relay off] Nealiaible N/A Power consumption 500mW [relay on] 10A (maximum inrush 80A) N/A Maximum load N/A LS3100B 6A current Permissible load N/A Magnetic-ballasted fluorescent, N/A vnes/cor Compact fluorescent, Electronic-ballasted fluorescent LED (maximum inrush 80A), Tungsten lamps (Max 6A)

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.

Two lens masks are provided which may be used to restrict the viewable

IMPORTANT NOTES

- A means for disconnection must be incorporated in the fixed wiring in accordance with the current wiring regulations.
- 2. 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.
- 3. Due to limited space within the enclosure, it is not recommended that this product be used as a wiring junction box. System connections should be made elsewhere and wiring not looped within the product
- 4. All information given in this document was correct at the time of publication.

Diagnostics

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

	l	
LED indication	Meaning	
G G G	Movement detected	
Green in response to movement or not		
B B I 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	

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.

(F

Ex-Or Novar ED&S Limited Havdock Lane Havdock Merseyside WA11 9UJ Tel: +44 (0)1942 719229 Web: www.ex-or.com

