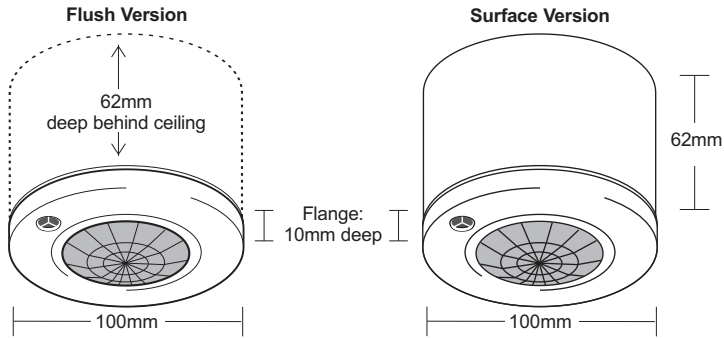


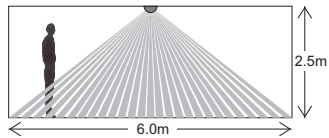
## Dimensions



## Technical Data

MAXIMUM RECOMMENDED MOUNTING HEIGHT: 3 metres

RANGE: Cone-shaped detection pattern, diameter (at floor level) = 2.4 x mounting height



OPERATING VOLTAGE: 230V 50Hz (UK & Europe)

RECOMMENDED CIRCUIT PROTECTION: 10 Amps

MAXIMUM LOAD: 6 Amps resistive or fluorescent

TERMINAL CAPACITY: 2 x 2.5mm<sup>2</sup>

OFF DELAY: 20 minutes (fixed) and a 10-second Walk Test Mode

DEPTH REQUIRED BEHIND CEILING (for flush version): 62mm from front flange plus an allowance for the minimum bend radius of the cables

WEIGHT: 200g approx

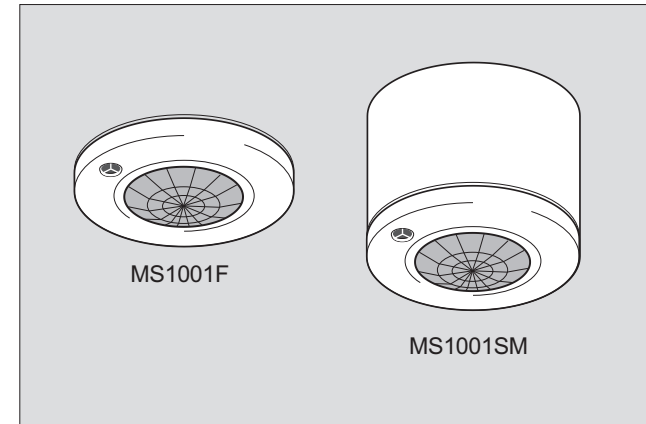
COLOUR: White

MATERIAL: Flame retardant PC/ABS

IP RATING: 4X



## MS1001F / MS1001SM Bronze Series LightSpot



## Installation and Commissioning Instructions

Note: HP2000 (or HP10) required for commissioning

## Ex-Or

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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.



W4390A

## Bronze Series LightSpot - MS1001SM & MS1001F

Only suitably qualified personnel should install this equipment.

### Fixing

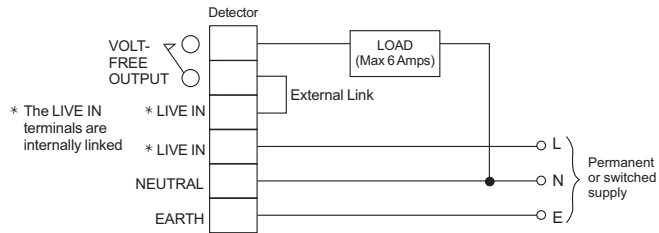
MS1001SM - The housing may be secured to a hard surface or a BESA box. The detector fits into the housing with a simple bayonet action.

MS1001F - Supplied with a sinking (dry lining) box for flush fitting. Sinking box fits into an 89mm diameter hole in ceiling tile or plasterboard ceiling. To avoid damage to ceiling tile, do not overtighten. Depth required behind ceiling: 62mm from front flange plus an allowance for the minimum bend radius of the cable. No access above the ceiling is necessary.

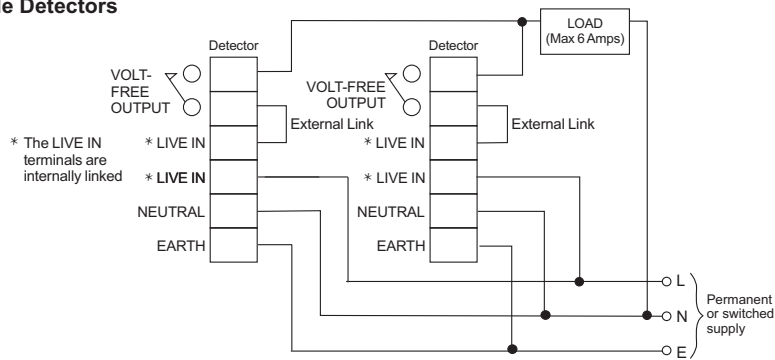
**Note:** Do not position within 25cm of a luminaire.

### Connection

#### Single Detector



#### Multiple Detectors



### Important Additional Notes

1. Only suitably qualified personnel should install this equipment.
2. All terminals on this product are provided for final connections. It is not intended that the product be used as a junction box for looping cables.
3. A means for disconnection must be incorporated in the fixed wiring in accordance with the current wiring regulations.
4. This equipment switches lights no more frequently than would a responsible human occupant. However, manufacturers of some 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.

### Commissioning

The units are supplied with factory default settings (power-up on, fully automatic operation, 20 minute off delay).

### Off Delay

The Off Delay is set to 20 minutes and is non-adjustable. A 10-second Off Delay is available for walk testing the product.

### Walk-test Mode

Walk-test mode is used to check that the detector is operating as required. The short off-delay enables the installer to check that lights are switching on when movements are made at the edge of the detection zone.

1. Change the programmed Off Delay to 10 seconds using either an HP10 or HP2000. When using the HP10, just press the white button - switch positions are not recognised for this product. When using the HP2000, select Utilities from the main menu, then select Walk Test and press OK.
2. Move around the area that is being controlled, stopping for 10 seconds to allow the lights to switch off, before moving and triggering the lights back on. The Off Delay will reset to its 20 minutes after a five minute period.