

LightSpot - Stand-alone lighting control by presence detection and photocell **Multi-Function LightSpot**

The Multi-Function LightSpot is a dual-output presence detector with photocell which uniquely can be programmed to perform any one of the following combinations of functions:

• Lighting Control + Emergency Test Control

This mode allows the testing of an area of Emergency Lighting to be conveniently implemented without the expense of a special, single-function controller or any hard wiring. Convenient and easy to use, emergency test is initiated by infrared controller (HP2000 or the dedicated HC8) and a highly visible, blue LED shows that testing is underway. There is no need for manual timing: automatic test durations of 1 minute or 1, 2, 3 or 5 hours can be selected and a test can be terminated manually at any point. To ensure battery life is maintained, there is even a lock-out feature that limits testing if there has been more than 5 minutes' battery usage or mains outage in the previous 24 hours.

• Lighting Control + Air Conditioning Control

While lighting needs to be provided immediately that someone enters a room, this is not the case with air conditioning, so there are two independently programmable timers: a hold-off timer to avoid responding to momentary occupancy (1, 3 or 5 minutes delay) and a fully programmable run-on timer. Individual on/off control is provided via the dedicated HC7 hand-held infrared controller (or HC5 Universal Controller).

• Lighting Control + Water/Fan Control

Here the volt-free output is used to control a toilet-flush cistern-fill valve or extractor fan. The flush or fan control can be programmed independently from the lighting control. To ensure that fresh, hygienic conditions are maintained during holiday shutdowns, an automatic daily flush takes place.

• Two-Channel Lighting Control

The switched-live output is influenced by the photocell while the volt-free output is not. Each output has an independent off-delay timer. The volt-free output operates in AUTO mode while the switched-live output can be operated in AUTO or SEMI-AUTO (Absence Detection) modes. Relay 1's delay timer may be disabled so that the unit operates as an active photocell, uninfluenced by movement.





Presence detection is by passive infrared, effectively enhanced to improve sensitivity to small movements.



Passive photocell holds lights off in ambient conditions. Active photocell has the capability to switch lights off in occupied areas.



Off delay following the last observed movement after which the lights switch off. Each output is independently adjustable.



Detection pattern and approx range in metres at floor level for 2.5m mounting height (detection pattern is cone shaped).



Switched live influenced by photocell and occupancy; volt-free output by occupancy only. Independent time delays can be programmed via HP2000.



Hand controllers provide local user override/operation (HC5, HC7 & HC8 as appropriate to mode).



Remote programming by HP2000 ensures changes can be easily accommodated.



Air-conditioning control. Switched live for lighting control, volt-free output for air-conditioning control.



Emergency test control. Switched live for main lighting, volt-free output for emergency test procedures.



Washroom mode. If no movement is detected in a 24-hour period, detector can be programmed to switch the load on for the duration of the off delay.

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MS2021PF	Multi-Function LightSpot - flush
MS2021PSM	Multi-Function LightSpot - surface
Accessories	
HP2000	MLS Digital Programmer
HC5	Universal Hand-held Controller c/w wall bracket
HC7	Air-conditioning Hand-held Controller c/w wall bracket
1100	

- HC8 Emergency Test Hand-held Controller c/w wall bracket
- SV2
 Solenoid valve

 SVB
 Solenoid valve housing