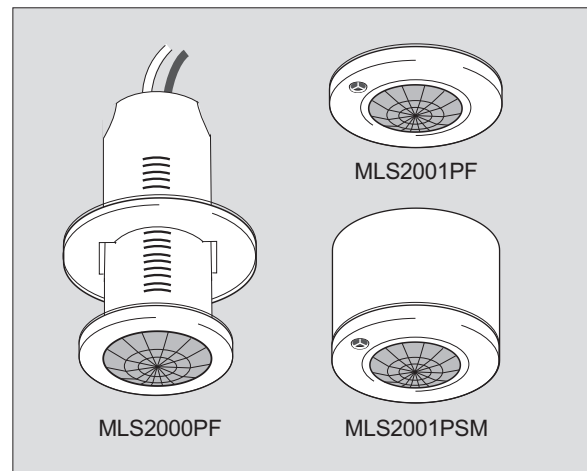


MLS Digital - Networked Managed Lighting System

Remote Detectors for Fixed-output Ballasts

MLS Digital offers a flexible, user-responsive, building-wide control solution via a network of communicating detectors. Constant monitoring of occupancy and ambient light levels enables the system to automatically deliver optimum lighting conditions while effecting energy and cost savings. MLS Digital is available for use with all fixed-output and digital dimming HF ballasts.

This data sheet covers ceiling-mounted MLS Digital Detectors for use with fixed-output ballasts. These remote detectors are used to control groups of luminaires. They provide switching where there is no need for regulating light levels and incorporate a passive photocell to maximise energy savings.



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



Passive photocell holds lights off in bright ambient conditions.



Off delay: Period following the last observed movement after which the lights switch off.



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



Incorporates simple scene-setting - up to six scenes can be set via user remote.



Hand Controller provides local user override.



Remote programming via HP2000 ensures changes can be easily accommodated.

Commissioning the Programmable Parameters

Operation of the system is determined by its commissioning. This is carried out using a menu-driven infrared remote programmer (HP2000) with virtually no disturbance to the building's occupants. Settings can be changed whenever required in the same way. The programmable parameters are shown overleaf in the order they are presented on the programmer. Options are selected from alternatives.

Commissioning of Lighting Scenes

Lighting scenes are set up using the infrared HC5 Hand-held Controller. The scene is set manually then stored by a long press on the selected scene button. New scenes can be set in this way without the need for separate programming devices.

Ancillary Items

HP2000 MLS Digital Programmer

Menu-driven LCD Programmer with automatic equipment recognition and parameter download facilities.

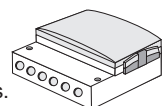


HC5 Universal Hand-held Controller

RB2000 Bus Power Supply

A single Bus Power Supply synchronises and powers the bus for up to 200 MLS Controllers.

It also provides a test facility. Units may be linked for larger installations and to provide a building-wide common zone. (RB2000LT Bus Power Supply Lite may also be used.)



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