

LightSpot - Stand-alone lighting control by presence detection and photocell

BattenFit Sensor

The BattenFit Sensor is a simple-to-fit control solution for batten-style luminaires. It is available in two versions: switching (with photocell option) or regulating for digital DSI or DALI ballasts.

The range offers the following features (dependent on model):



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



Passive photocell holds lights off in bright ambient conditions. Active photocell has the capability to switch lights off in occupied areas. (MSB1000PT)



Regulating photocell ensures a minimum maintained light level, taking account of the contribution from adjacent luminaires and daylight. (MSB1000DT/MSB1000DALIT)



Off delay: Period following the last observed movement after which the lights switch off. Options differ with HP10/HP18. (Fixed on MSB1000T.)



Detection pattern and approx 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. (MSB1000DT/MSB1000DALIT)



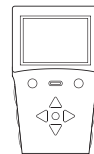
Hand Controller provides local user override.



Remote programming ensures changes can be easily accommodated.



Ancillary Items



HP2000 MLS Digital Programmer

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



HP10 LightSpot Programmer

Infrared programming tool with 12 dil switches for the setting of individual parameters.



HP18 LightSpot Programmer

User-friendly override/programming remote controller.

Please note that the HP10 and HP18 do not give access to the full range of parameters/options.



HC5

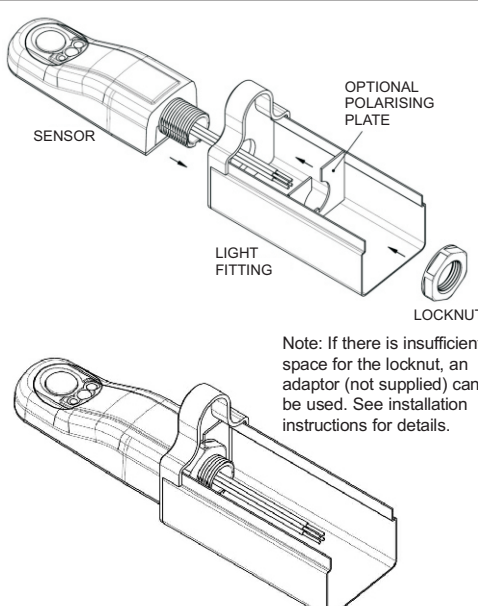


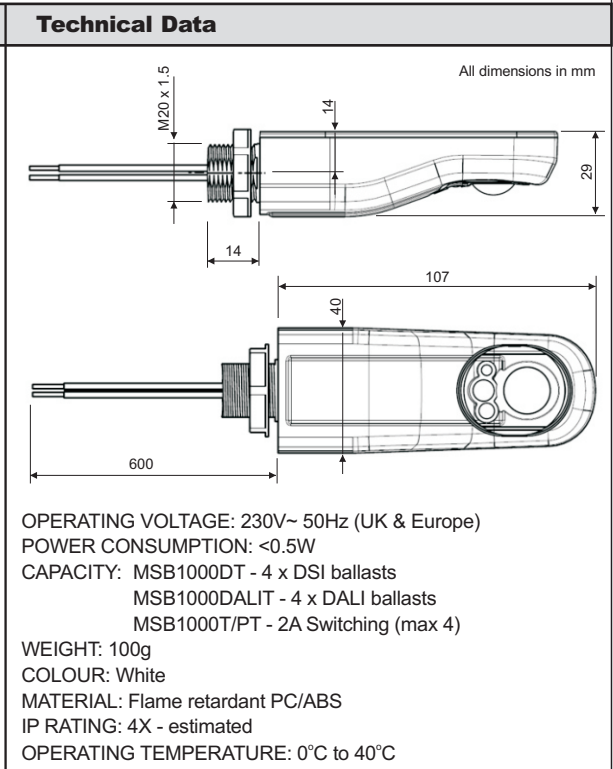
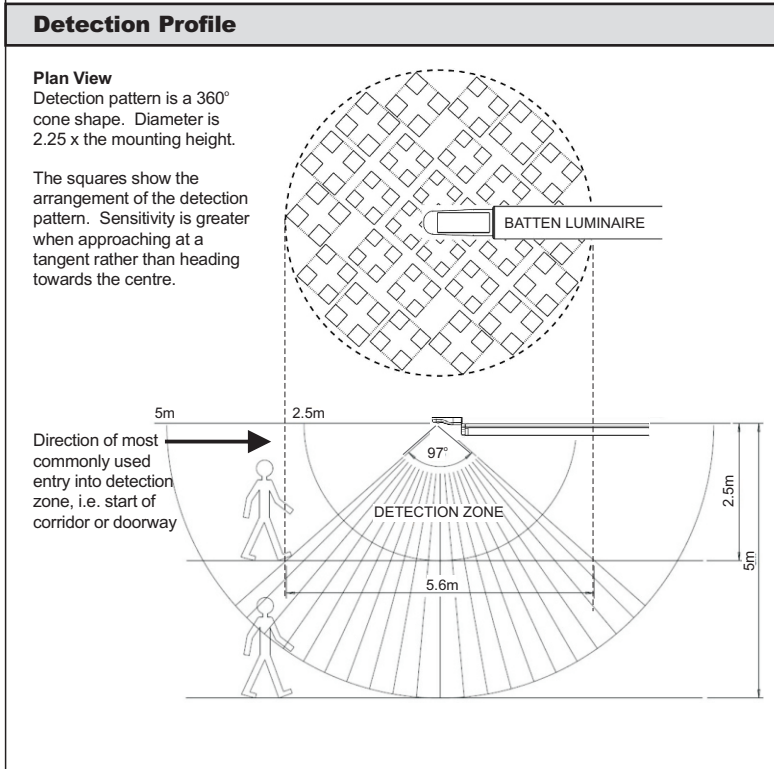
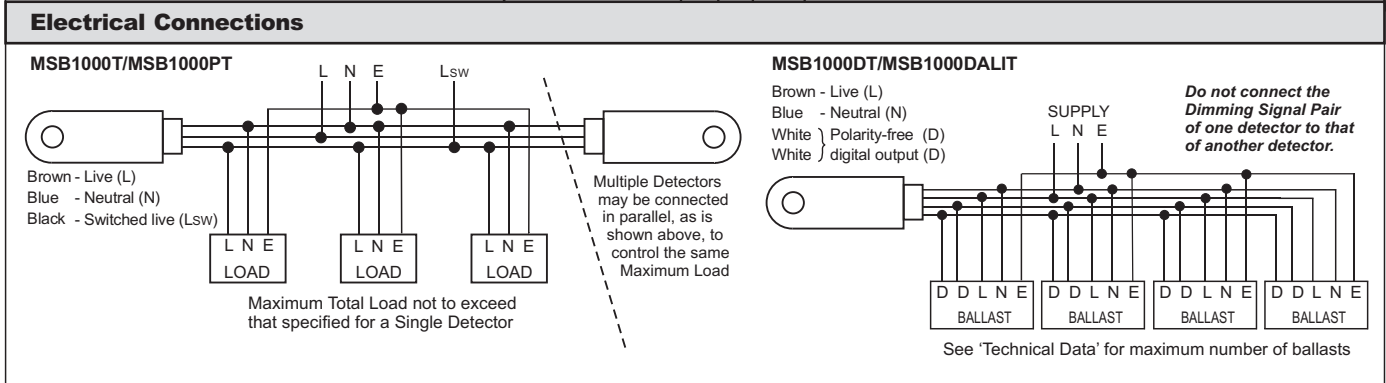
HC6

HC5 Universal Hand-held Controller

HC6 Two-button Hand-held Controller

Please check www.ex-or.com to ensure this is the most recent issue - Ref: D4114D

Assembly/Installation	Programmable Parameters	MSB1000T	MSB1000PT	MSB1000DT/ MSB1000DALIT	Selectable Options (Factory pre-set shown in bold) These parameters may be re-programmed any number of times and all settings will be retained in the event of a power loss. Options via HP2000 shown. These differ via HP10/HP18.
 <p>Polarising Plate (not supplied) A polarising plate can be made in order to prevent rotation of the sensor during transport or installation. Please refer to installation instructions for details on how to produce.</p>	Power up	☐	☑	☑	On / Off
	Response	☐	☑	☑	Auto / Semi-Auto
	Off Delay	☐	☑	☑	1 min-96 hrs plus 10-second walk test. 20 mins
	24 Hour Cycle			☑	Off / On
	Start Lamps			☑	Max / Min
	Entry Scene			☑	Select Scenes 1 - 6. Scene 1
	Bright-out			☑	Yes / No
	Dimming				Reg 100-50% Sets the regulating range of the ballast in daylight conditions, i.e. at 100% the ballast can regulate over its full range, at 70% the ballast will not dim below 30% output. Reg 100%
	Lamp Max			☑	10-100% (10-50% in 5% increments; 50%+ in 10% increments) 100%
	Fade to Off			☑	Yes / No
	When Vacant			☑	Switch off after Off Delay
				☑	Go to Minimum and do not switch off
				☑	Go to Minimum for 3 x Off Delay (XTN), then switch off
			☑	Regulate up to 25% } and do not switch off	
			☑	Go to Scene 6 } -OR- for 3 x Off Delay (XTN)	
Photocell Mode		☑		Passive / Active / Disabled	
Lower Threshold		☑		0-254 Point where photocell turns lights on in Active Mode 254	
Upper Threshold		☑		0-254 Point where photocell turns lights off in Active Mode 254	



Ex-Or operates a genuine policy of continuous improvement. You may expect the specification to be regularly enhanced. For latest technical information, please visit www.ex-or.com.

Part Numbers

MSB1000T	BattenFit Sensor: 2A Switching	HP18	LightSpot Programmer
MSB1000PT	BattenFit Sensor: 2A Switching with Photocell	HC5	Universal Hand-held Controller c/w wall bracket
MSB1000DT	BattenFit Sensor with Regulating Photocell for DSI ballasts	HC6	Two-button Hand-held Controller c/w wall bracket
MSB1000DALIT	BattenFit Sensor with Regulating Photocell for DALI ballasts		
HP2000	MLS Digital Programmer		
HP10	LightSpot Programmer		