Energy Saving and Commercial Lighting Controls
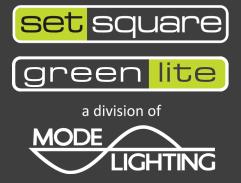
▸ Fully Automatic Lighting Controls

▸ Self Contained and Stand-Alone

▸ DALI, DSI and 1-10V

▸ Standard and High Bay Versions

▸ Passive Infrared Technology

▸ Presence and Absence Detection

▸ Fully Programmable

▸ Controls All Types of Lighting (inc. LED)

SensorLite

NEW! Product Range

set square

green lite

a division of

MODE LIGHTING

BRITISH MADE

SensorLite: self contained, stand-alone, occupancy controls

SensorLite is a range of self contained true multi-sensors, mains powered, occupancy and light level sensors which are designed to automatically switch lighting ON when movement from a human body is detected. It will automatically switch OFF again once movement has ceased and when a pre-set adjustable time delay has expired. Once energised the sensor will automatically regulate the output and provide a daylight linking dimming operation based on natural daylight ingress. The SensorLite product range when operating with occupancy detection and daylight linking dimming can achieve energy savings of up to 80%.

SET-SEN-DIM-RM

The SET-SEN-DIM-RM is a Recessed Mounted sensor suitable for installation in ceiling tiles or plasterboard type ceilings.

▶ Recessed Mounted
▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED
▶ 360° passive infrared sensor
▶ Manual control using a standard retractable switch
▶ Presence detection or absence detection versions
▶ Integral photocell and IR receiver
▶ Daylight linking dimming
▶ High Bay version for up to 14 metres
▶ Fully programmable
▶ Internal mains relay for up to 9 ballasts or drivers
▶ Fitted with 1.5m cables

SET-SEN-DIM-LM

The SET-SEN-DIM-LM is a Luminaire Mounted sensor for installation within a suitable luminaire housing.

▶ Luminiare Mounted
▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED
▶ 360° degree passive infrared sensor
▶ Integral photocell and IR receiver
▶ Daylight linking dimming
▶ High Bay version for up to 14 metres
▶ Fully programmable
▶ Presence detection
▶ Internal mains relay for up to 9 ballasts or drivers
▶ Complete with pluggable input and output terminal connections

SET-SEN-DIM-BM

The SET-SEN-DIM-BM is a Batten Mounted sensor suitable for installation on a batten type luminaire or side entry into a standard electrical accessory box or moulding via a 20mm knockout.

▶ Batten Mounted
▶ Conduit / trunking mounting - 20mm knockout
▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED
▶ 360° passive infrared sensor
▶ Integral photocell and IR receiver
▶ Daylight linking dimming
▶ High Bay version for up to 14 metres
▶ Fully programmable
▶ Internal mains relay for up to 9 ballasts or drivers
▶ Fitted with 1.5m single cables

SensorLite: self contained, stand-alone, occupancy controls

SET-SEN-DIM-SM

The SET-SEN-DIM-SM is a Surface Mounted sensor for installation on solid ceilings and structures using a standard electrical socket patress.

▶ Surface Mounted
▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED
▶ 360° passive infrared sensor
▶ Manual control using a standard retractable switch
▶ Presence detection or absence detection versions
▶ Integral photocell and IR receiver
▶ Daylight linking dimming
▶ High Bay version for up to 14 metres
▶ Fully programmable
▶ Internal mains relay for up to 9 ballasts or drivers
▶ Complete with pluggable input and output terminal connections

SET-SEN-PROG-01

The SET-SEN-PROG-01 is a hand held infrared programming and commissioning tool for the SensorLite range of lighting controls. Battery powered for ease of use with auto shut off. A menu driven programming system provides a simple and intuitive process.

▶ Easy to programme
▶ LCD display
▶ Save and recall up to three user programs
▶ One touch commissioning
▶ 14 metre range
▶ Lamp burn in facility

SET-SEN-PROG-02

The SET-SEN-PROG-02 is a hand held infrared user operated controller designed for the end user.

▶ Pocket sized
▶ Test function
▶ Manual dimming control
▶ Simple to use
▶ User friendly

NOTES:

Presence Mode: a fully automatic detection operation that switches the lights on as movement is detected and then switches off after movement has ceased and a time out period expires.

Absence Mode: a semi automatic detection operation that requires the lights to be energised in the first instance by a standard push to make non-latching type switch and then switches off after movement ceases and a time out period expires.

SensorLite: self contained, stand-alone, occupancy controls

Version	Part Code	Description
Recessed Mounted	SET-SEN-DIM-RM-P	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Recessed Mounted - Presence
Recessed Mounted	SET-SEN-DIM-RM-A	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Recessed Mounted - Absence
Recessed Mounted	SET-SEN-DIM-RM-P-HB	360° Multi-sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Recessed Mounted - Presence - High Bay
Recessed Mounted	SET-SEN-DIM-RM-A-HB	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Recessed Mounted - Absence - High Bay
Luminaire Mounted	SET-SEN-DIM-LM-P	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Luminaire Mounted - Presence
Luminaire Mounted	SET-SEN-DIM-LM-P-HB	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Luminaire Mounted - Presence - High Bay
Batten Mounted	SET-SEN-DIM-BM	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Batten Mounted
Batten Mounted	SET-SEN-DIM-BM-HB	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Batten Mounted - High Bay
Surface Mounted	SET-SEN-DIM-SM-P	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Surface Mounted - Presence
Surface Mounted	SET-SEN-DIM-SM-A	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Surface Mounted - Absence
Surface Mounted	SET-SEN-DIM-SM-P-HB	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Surface Mounted - Presence - High Bay
Surface Mounted	SET-SEN-DIM-SM-A-HB	360° Multi-Sensor (PIR+PC+IR, DALI, DSI, 1-10V) - Surface Mounted - Absence - High Bay
Programmer	SET-SEN-PROG-01	Infrared Hand Held Programmer for SensorLite Range (Full Version)
Programmer	SET-SEN-PROG-02	Infrared Hand Held Programmer for SensorLite Range (Basic Version)

For full technical information and product literature contact sales@setsquare.com or 01732 851 888

Setsquare

Setsquare's range of energy saving and commercial lighting control products and services includes:

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a division of

MODE LIGHTING