

# SENSOR LIGHT Series



## **Illuminates when Dark, Turns Off when Bright. Automatically**

Equipped with an ingenious light sensor, the MEGAMAN<sup>®</sup> SENSOR LIGHT automatically lights up in darkness and turns off when light is ample. Which means, the lamp only illuminates when needed translating to further energy saved.

## **Applications**

Patios, porches, gates, gardens and door lighting.



## Automatic switching **ON/OFF**

The **MEGAMAN® SENSOR LIGHT** is designed to provide constant illumination outdoors. It automatically switches ON at nightfall and OFF at daybreak. An intelligent built-in sensor ensures that light is provided only when needed.

### Ingenious Sensor Technology

The SENSOR LIGHT is equipped with a micro-regulator to automatically activate or deactivate the lamp according to surrounding infra-red radiation levels.

### Enhanced Performance

The SENSOR LIGHT offers enhanced energy-savings and longer lamp life. Thanks to the intelligent use of MEGAMAN®'s own unique IC technology, the SENSOR LIGHT is designed to continuously illuminate for 12,000 hours.

### User Benefits

The SENSOR LIGHT offers additional benefits like reduced electricity costs and reduced investments on costly security lights. Simply install the lamp and let it work for you. No rewiring is required.



# SENSOR LIGHT



## ENERGY SAVING LAMPS



### HOW IT WORKS...

- The light sensor in the **SENSOR LIGHT** has been preset to turn ON or turn OFF depending on infra-red radiation.
- When the **SENSOR LIGHT** is switched ON, the lamp performs a self-test and lights up for 1 second to indicate that the lamp is functional.
- The light then starts detecting infra-red radiation levels of the surrounding environment.



Turns OFF when bright

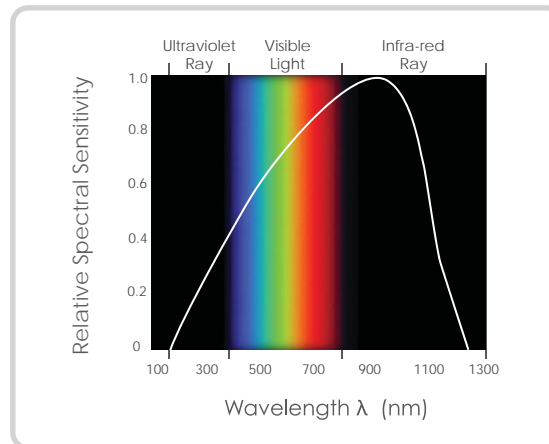


Turns ON when dark

#### Remarks:

- Light sensor should face to sunlight sun rays for best results.
- **The light sensor is preset to activate and deactivate the lamp depending on different intensity levels of infra-red radiation.**
- This lamp is programmed to perform a self-test and lights up for 1 second when switched ON to indicate that the lamp is functional.
- **This lamp is not suitable for dimming, DC operation or for use with electronic switches.**
- To be used in outdoor fixtures only.

#### Spectral Sensitivity of the SENSOR LIGHT



There is a direct link between the brightness of visible light in sunlight and the intensity of its infra-red radiation. The light sensor detects this radiation and produces a signal, which is then evaluated by the electronic circuitry in the lamp. The sensitivity range of the light sensor in the **SENSOR LIGHT** is between 150nm to 1250nm.



### GK711r



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	60	116	87

**11** Watt

15,000 hours



570lm



Standard Pack  
60 (10)



### GK715r



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	68	128	93

**15** Watt

15,000 hours



800lm



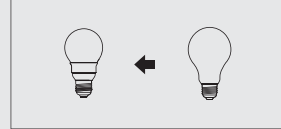
Standard Pack  
60 (10)



#### Comparison with equivalent lamp type

GK711r  
GK715r

Incandescent



Also available in other colour temperatures.

Operating Temperature:  
-20°C to + 40°C