



Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

IP65 220-240V~50/60Hz

These fittings are Class II and do not require to be Earthed

Important Information

It is recommended that these controls are installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 220-240V~50/60Hz supply. Any faulty, broken or damaged sensors should be replaced immediately.

KSR will not accept responsibility for any claims arising from a poor installation.

Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature, humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

Important User Advice

Always switch off mains supply before fitting or servicing.

This control is suitable for indoor use only.

Do not use Megger or similar high voltage instruments. Due to the fact this control contains electronic components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing.

To prevent damage to the control, do not mix with conventional magnetic ballasts on the same electrical circuit.

At the end of life the luminaire is classed as WEEE under directive 2014/30/EU and should be disposed of in accordance with local legislation.

Please note these luminaires are non-dimmable.

Installation Procedure

KSR recommends that you familiarise yourself with the installation. Once you are completely satisfied:

Safely isolate the mains supply.

Locate the area's suitable to install this control on the luminaire.

As the detector responds to changes in temperature, avoid the following situations:

Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.

Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, lights etc.

Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc

Ensure that no obstructions are in the line of sight.

Using a suitable hole install the sensor into the luminaire ensuring the seal is located to retain the correct IP rating.

Connect the wiring as per Fig. 1. Please note: The Positive (Red) and Negative (Black) cables are to be connected to the positive and negative of a suitable dimmable driver using 1-10V input.

Switch on the power.

See overleaf for control options.

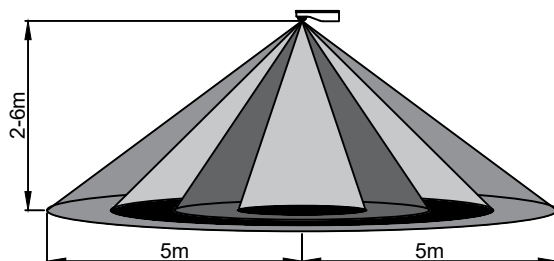
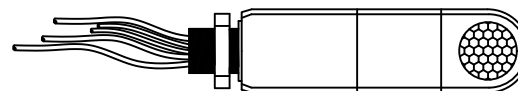
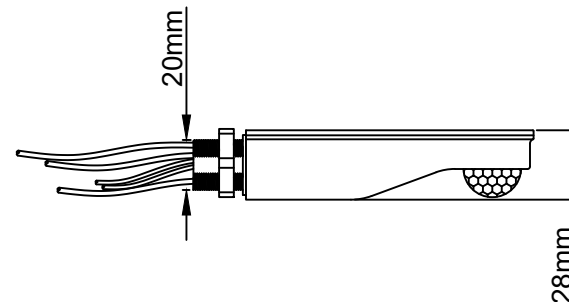
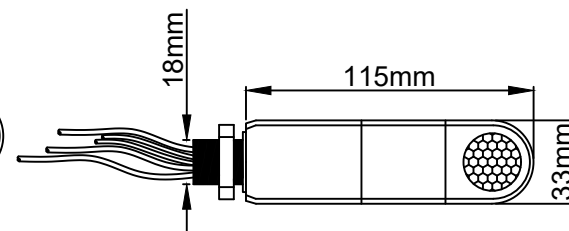


Fig. 1

Brown - Live (In)
Blue - Neutral (In)
Yellow - Live (Out)
Red - Positive (Out)
Black - Negative (Out)



Available finish: White



PIR Specification:

Mains Input - 220~240VAC 50/60Hz

Lux Control - 0-2000 Lux Adjustable

Time Setting - Min 10 Seconds +/- 3 Second

Max 30 Minutes +/- 2 Minutes

Rated Load - LED 500W

Halogen 1200W

Detection Area - 360°

Detection Range - 50%, 75%, 100%

Detection Distance - 10m Max (<24°C)

Stand-by Period - 5min, 10min, 15min, 30min, 60min, ∞

Stand-by Dimming Level - Off, 10%, 20%, 30%

Manual Override - Yes via remote

Parasitic Power - 0.5W

Installation Height - 2m~6m

Detection Speed: 0.6~1.5m/s

Working Temperature: -20~+40°C



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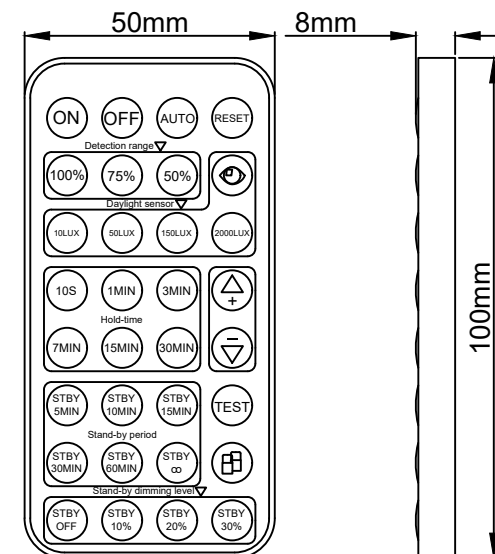
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Important User Advice

The remote uses Infrared so needs to be in the line of sight to the sensor when programming.

- Load switching ON (After 8hours sensor will return to AUTO mode)
- Load switching OFF (After 8hours sensor will return to AUTO mode)
- Set sensor to work on detection of motion
- Sensor reset to default settings
- Automatically read-in the actual ambient light level and the sensor works according to this LUX value stored, range 0-2000LUX
- Lock & Unlock remote controller buttons (Please note: The remote will automatically lock the remote buttons after approximately 10 minutes)
- Test mode
- Adjust detection range
- Adjust LUX value from 10-2000LUX
- Set hold time
- Set dimming level hold time
- Set dimming level or switch off load when there no motion detected
- Manually adjust output level



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