



Available finish: White Only

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

IP20 UK CA C € 240VAC~50Hz

These Sensors are Class II and do not require an Earth connection

Important Information

It is recommended that these Sensors 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 240V~50Hz supply.

Any faulty, broken or damaged luminaires 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 (normal operating ambient temperature -10 ~ +40°C), 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.

Installation Guidelines

These sensors can be wired through the side knock outs

Remove the front face by twisting the cover a quarter turn anti-clockwise.

Remove the knockouts depending on your wiring and screw the sensor to a suitable surface.

Terminate your mains input cable into the L & N terminals, then connect the luminaire wires into the L' & N' terminals on the sensor.

On initial installation it is advised you leave the time setting to 10 Seconds and the Lux setting on the 'sun' symbol. 30 seconds after being switched on for the first time the sensor will be ready to use, These settings will allow you to do walk testing to ensure PIR is working correctly, once happy, adjust as below to preferred settings.

Time - This sensor can switch the lighting from a minimum of 10 Seconds (+/- 3 secs) to a maximum of 7 minutes (+/- 2 mins), carefully turn the time dial to the required time.

Lux - This sensor will activate between daylight and 3 Lux, this is adjustable.

Position - Ensure you position the sensor in a location suited to the the required activation point, this may not be central to any space. Avoid placing the sensor near heating vents or highly reflective surfaces as this may cause unwanted triggering.

PIR Specification:

Mains Input - 220-240v AC

Lux Control - 3-2000 Lux Adjustable

Time Setting - Min 10 Seconds +/- 3 Seconds

Max 7 Minutes +/- 2 Minutes

Rated Load - LED / Fluorescent, 200W

Halogen, 400W

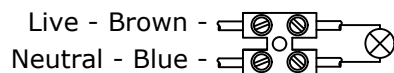
Detection Area - 360°

Detection Distance - 8M Diameter Max

Parasitic Power - 0.5W

Installation Height - 2.2M - 4M

Mains Supply

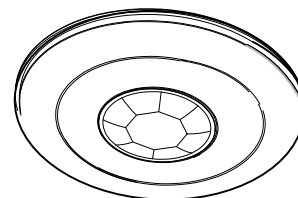


Live - Brown -
Neutral - Blue -

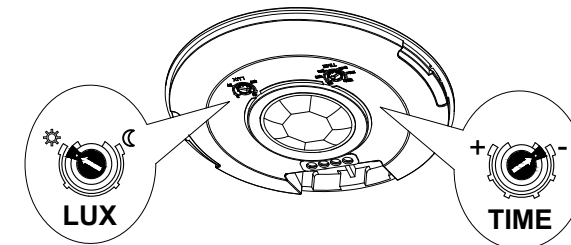
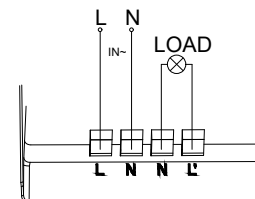
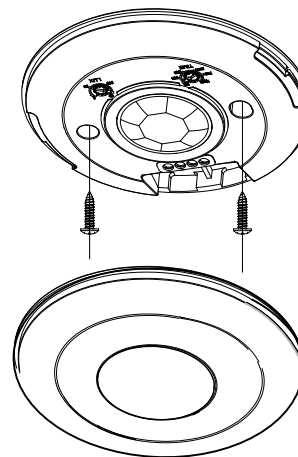
Out to Luminaire

L' - Live
N - Neutral

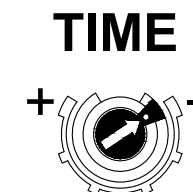
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Twist & Lock to remove and re-install cover.



Adjust Dials as shown and replace cover.



KSR8412 - Dimensions

