

Model: KSL210

2 x 10 W LED Sensor Light

superlux
we engineer light

Specifications:

Detection range 160 degrees and up to 12 metres
Colour Temperature 5,000K

Ingress Protection is IP54

Total lumens output 1,300 lumens

220-240 Volt 50 Hz power supply, Class 1



Introduction:

The light operates by either of 2 modes, Automatic mode (by default) or Manual mode.

Setting modes:

Automatic mode on with PIR active

Turn the lights off at the Isolating switch and leave OFF for 30 seconds then turn the isolating switch on. The sensor light is now in automatic mode.

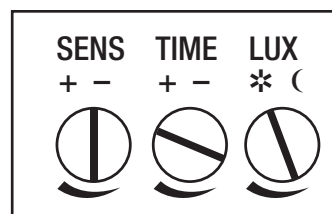
Manual mode on:

In automatic mode, trip the PIR sensor with movement, then while the lights are ON switch the isolating switch OFF and ON again within 1 second. The PIR sensor is now disabled and the lights will remain on.

PIR sensor settings:

The motion sensor works by PIR - **P**assive **I**nfrared **T**echnology. It will switch the lights on when it detects "Warm Movement".

1. **SENS** – sensitivity/distance of detection is adjustable up to 12 metres
2. **TIME** – Time-on is adjustable, 7 seconds to 10mins
3. **LUX** – MOON icon for night-time only. Adjust switch towards SUN icon for dusk or daytime operation. Adjustable range from 3 to 2000 lux



Setting up the detection field

- Switch the power supply on and wait 15 seconds for the unit to stabilise before any adjustments
- Turn the LUX knob all the way to the SUN icon position and the TIME knob to the minimum **TIME position**
- Adjust the aim of the detector head to the area that you want covered to check that you are being detected. You may need to readjust the aim of the detector head until you are satisfied

Setting up LUX light level detection:

- Once the detection field is set as per instructions above, turn the LUX switch toward the MOON icon.
- To adjust at what light level the detector becomes active. At the time of the evening when the desired light level is reached that you want the detector to activate, adjust the LUX knob towards the SUN icon until the light switches on.

Setting up TIME:

- Adjust the lights "on" TIME as desired, from 7 seconds to 10 minutes by turning the TIME knob. Ensure that the PIR settings are set up as per the order above

Installation Instructions:


Mounting and location:

- The KSL210 can be wall mounted or eave mounted. **The switches must remain under the sensor when mounted.** Before mounting under the eave, gently rotate the sensor 180 degrees
- The recommended mounting height is 1.8 to 2.5 metres
- Position the light in a protected area away from direct exposure to the weather is recommended



- Avoid installing near temperature variation zones, such as windows or air conditioners etc.
- Do not aim at reflective surfaces such as water.
- For best sensitivity the sensor should be pointing across the path of expected movement not directly up the path.

Important: This unit should be installed by a registered electrician and wired from its own isolating switch not shared by other lights.

1. Ensure the power supply is isolated before installation
2. Once the best mounting position is chosen, remove the 2 Acorn nuts and seal washers from the base to remove the backplate. Put the sensor light carefully to one side
3. Fix the back plate in place by passing the supply cord through the grommet hole and mount the backplate to the wall or eave with 2 suitable screws
4. Connect the wiring:
 - Phase to **L**
 - Neutral to **N**
 - Earth wire to 

Important:

- Use sealant around the 2 mounting screws to ensure the sensor remains watertight
 - Seal the cable in grommet with silicon if necessary, to prevent water ingress at cable
 - Ensure the Neoprene 'o'-ring seal is in place
5. Reassemble the sensor light to the backplate with the 2 seal washers & acorn nuts.
 6. Adjust aim of the 2 LED spotlights and adjust the motion sensor as guided under Introduction.
Ensure you loosen the wing knobs, before adjusting the LED Heads/sensor direction.
 Then tighten up again when you are happy with the position.

Problem Solving:

The location of the Installation is most important for trouble free operation.

False Triggering

- If false triggering occurs, relocating may be required
- Stormy weather can cause triggering and the unit does become more sensitive in cold weather
- Redirect sensor away from reflective surfaces or heat sources
- As the lamp heads create heat ensure there is a 40mm gap from the Sensor

If Lights won't turn on:

1. Check the isolating switch is on
2. Sensitivity is less in the summer
3. Turn the LUX switch towards the SUN icon

If Lights won't turn off:

1. Turn off the isolating light switch for 30 seconds then turn on again
2. Redirecting the Sensor may help

NOTE: Once the detector has sensed movement & the light is still on, a second movement will add further On-Time. Keep face of sensor clean from cobwebs etc.

Do Not Dismantle the sensor, there are no user serviceable parts.

Please keep these Instructions for future reference. Do not wash with a hose or water blaster.