



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

Available Rims: Various please visit www.ksrlighting.com for options

IP65 IK08 0.3m 240V~50Hz 12W

These fittings are Class II and do not need an Earth, but Earth provision is provided.

Important Information

It is recommended that these luminaires 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°C - +30°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.

Important User Advice

Always switch off mains supply before servicing.

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

To prevent damage to the driver, 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.

Installation Procedure

Isolate mains supply before installation.

Unscrew and retain the four screws and remove the diffuser.

Loosen the single LED tray screw as indicated on the LED tray and lift the hinged tray to gain access to the wiring terminals.

Pass intended supply wires through grommet.

Ensure the fixing surface is flat and even.

Fix base to the wall, ceiling or besa box using adequate fixings with regard to the type of surface.

Ensure incoming cables are protected.

Terminate wiring as per Fig. 2, please note an Earth terminal is only supplied to aid the continuation of the Earth circuit.

Set up the microwave sensor as per the instructions on the reverse.

Re-secure the LED tray.

Select LED colour required using the dip switches on the tray Note: Never change the LED colour with the luminaire powered on as this can damage the luminaire. If the luminaire does not come on please ensure the dip switches are in the correct variation as per Fig. 3.

Make sure the seal is in place in the diffuser and undamaged.

Replace the diffuser re-secure using the four retained screws.

Turn on the mains supply and test luminaire.

If using an optional rim clip the rim over the fitting.

*Please note: Depending on the amount of fittings on a circuit you may have to upgrade the breaker to a 'C' or 'D' type to avoid nuisance tripping.

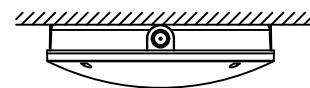
Fig. 3

●	ON
○	OFF

1	2	
●	○	DL
○	●	WW
●	●	CW

Fig. 1

Ceiling mounted



Wall mounted

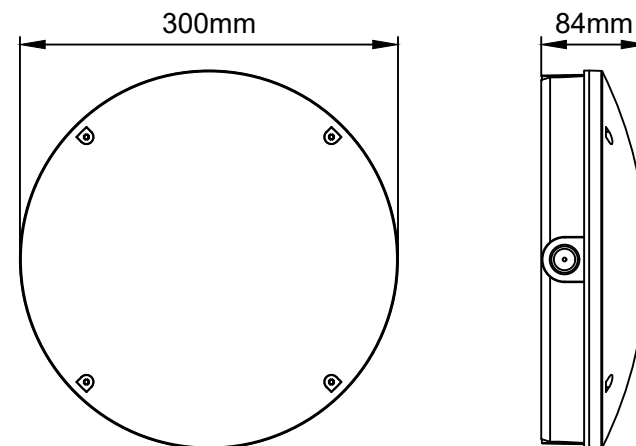
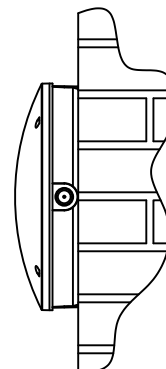


Fig. 2

Mains Supply		Luminaire
Permanent Live	→	Permanent Live
Earth	→	Not used
Neutral	→	N - Blue

Lamp Details

Lamp: LED
 Wattage: 12W
 Colour: 3000K, 4000K and 6000K CCT
 Lumen Output:
 3000K - 1017 lumens
 4000K - 1147 lumens
 6000K - 1040 lumens
 CRI: Ra>82

The light source of this luminaire is not replaceable; when the light source reaches its end of life the light source and control gear shall be replaced

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KSR Microwave On/Off Sensor Set Up Guide

1 - Detection Area

Detection area can be reduced by selecting the combination on the Dip Switches, following the guide as shown here.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	20%

2 - Hold Time

Hold time means the time period you would like the light to remain 'on' once no movement is detected.

	3	4	
I	●	●	5s
II	●	○	90s
III	○	●	5min
IV	○	○	15min

3 - Daylight Sensor

The daylight sensor can be set to bring the light 'on' at specific daylight levels. To have the sensor function in daylight set the Dip Switches to Disable.

	5	6	
I	●	●	Disable
II	●	○	50 lux
III	○	●	10 lux
IV	○	○	2 lux

ON
↑

↓
OFF

This Microwave sensor is a motion activated switch, it will turn the light on when movement is detected, then hold the light on for the determined amount of time, after which the light will turn off.

Using the Dip Switches on the sensor, set it up to your preferred Detection area, Hold Time & Daylight level.

Microwave sensors will detect movement through certain materials, if this occurs reduce the detection area until any nuisance triggering stops.

Max Load - 300W (Inductive)(LEDs)

Max Load - 1200W (Resistive)

