



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

IP65 IK08           240V~50HZ 18W

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.

KSFR 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 0°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.

Select LED colour required using the switch on the driver casing as per Fig. 3

Note: Never change the LED colour with the luminaire powered on as this can damage the luminaire.

Connect the battery to the Emergency module.

Re-secure the LED tray.

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

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.

Available Rims: Various please visit [www.ksrlighting.com](http://www.ksrlighting.com) for options

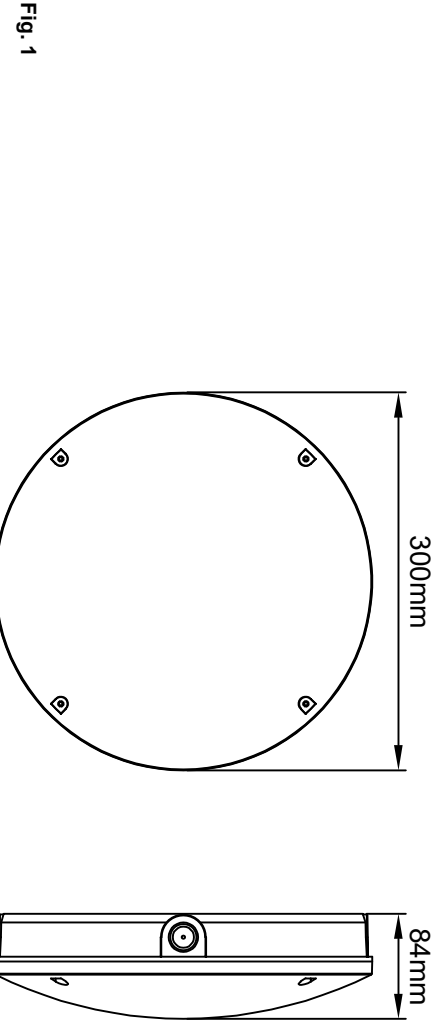


Fig. 1

Ceiling mounted

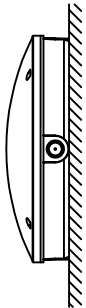
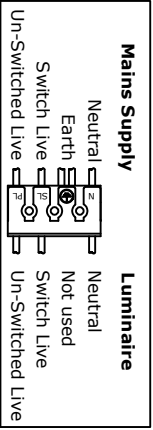


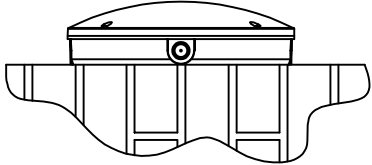
Fig. 2

Fig. 3

6000K
4000K
3000K



Wall mounted



Lamp Details

Lamp: LED  
Wattage: 18W  
Colour: 3000K, 4000K and 6000K CCT  
Lumen Output:  
3000K - WW - 1458 lumens  
4000K - CW - 1512 lumens  
6000K - DL - 1641 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

*This product contains a light source of energy efficiency class E*



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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 - 400W (Inductive)(LEDs)  
Max Load - 800W (Resistive)

1 - Detection Area

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

	1	2	3	
I	●	●	●	100%
II	○	●	●	75%
III	●	○	●	50%
IV	○	○	●	25%
V	○	○	○	10%

2 - Hold Time

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

	4	5	6	
I	●	●	●	5s
II	○	●	●	30s
III	●	○	●	90s
IV	○	○	●	3min
V	●	●	○	20min
VI	○	○	○	30min

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.

	7	8	9	
I	●	●	●	2 lux
II	●	●	○	10 lux
III	○	●	○	25 lux
IV	●	○	○	50 lux
V	○	○	○	Disable

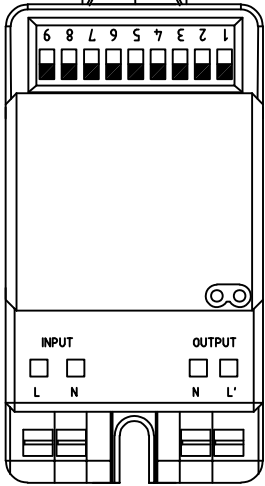
Troubleshooting

Issue	Cause	Solution
The load will not illuminate	Incorrect daylight threshold setting selected	Adjust setting and retest
	Load has failed (driver or LED array)	Replace load
The load is permanently illuminated	No mains power detected	Switch on power
	Continuous movement in the detection area	Check detection area setting
The load will not illuminate despite movement	The lamp (containing sensor) is installed in an area too close to reflective surface, i.e Metal, Glass or Concrete walls.	1. Make sure installation area suitable with at least 30cm space between lamp and surrounding reflective surfaces 2. Reduce Sensitivity (detection area)
	Speed of moving object is not in the range of 0.5-3m/s or the detection radius is too small	Check Detection area setting

The Sensor is designed for installation heights of 3-6m

Recommended Installation heights

For Wall mounting the height is 1.5m  
For Ceiling mounting the height is 3m



# Emergency Lighting Periodic Test Schedule

All emergency lighting should be installed and tested in accordance to EN5266-1:2011. This test schedule should remain onsite and be accessible to the relevant authorities on request.

[illegible]

**Site Address:** \_\_\_\_\_

**Test Conducted By:**

**Date of Test Completion:**

Comments/Actions

✓=Pass, X=Fail, N/T=Not Tested, N/A=No Access, U/T=Uncomplete Test