



Roma Surface Luminaire c/w 3 Hour Maintained Emergency

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

IP54 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 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 (Fig.1)

Isolate mains supply before installation.

Remove trim and diffuser by turning anti-clockwise.

Loosen but do not remove the three LED gear tray supporting screws, rotate the tray and allow it to hang on the support strap.

Pass supply wires through grommet into the base section, taking care to ensure they are not trapped between the fitting and mounting surface,.

Fix base section to wall or ceiling. Use adequate fixings with regard to type of surface being fixed to.

Connect the mains wiring as per Fig.1 below, this is a Class II luminaire so does not require an Earth connection.

Reinstall the LED tray and tighten the three retaining screws, Re-fit diffuser and trim.

Turn on the mains supply, test luminaire and allow for initial charge period..

The batteries will require a 24 hour initial charge period before any testing is carried out. Once this is complete, duration testing should be carried out and results recorded and left with the end user.

This fitting requires a 24 Hour initial charge period prior to any emergency testing, please see overleaf for testing routine, write on the battery label in permanent ink the date of commissioning. All results must be recorded and left with the end user.

The battery has a design life of at least 4 years but should be replaced if the duration of operation is less than 3 hours after a 24hr charge time with no interrupted supply.

This luminaire is also suitable for besa box mounting.

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.

## Rear of Base

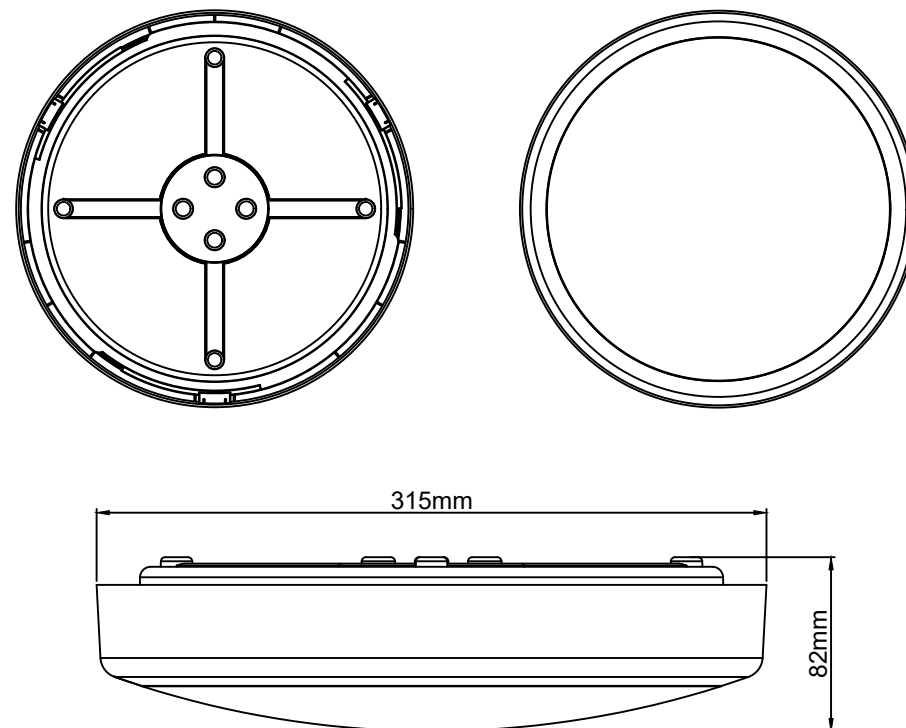
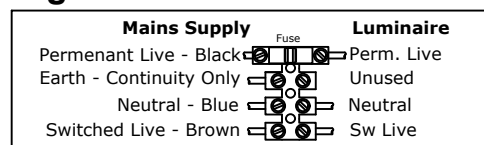


Fig.1



## Lamp Details

LED Colour: 4000K

Lumen Output: 1023 lumens

CRI: Ra80

Wattage: 12W

Life Expectancy: L70 - 25,000 hours

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 F*



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All tests must be undertaken at times of least risk and in accordance with EN 50172:2004 as indicated below:

**Daily:**

LED charge indicators shall be visually inspected for correct operation.

**Monthly:**

(in addition to the daily check) If automatic testing devices are used, the results of the short duration tests shall be recorded. Test shall be carried out as follows:

1. Switch the luminaire over to emergency mode to operate from the batteries by simulating a failure of supply to the emergency circuit for a period sufficient to ensure correct luminaire operation.

**Note:** The period of simulation failure should be sufficient for the purpose of this clause whilst minimising damage to the system components e.g lamps. During this period, all luminaires shall be checked to ensure that they are present, clean and functioning correctly. At the end of this test period, the unswitched supply should be restored and any indicator lamp or device should be checked to ensure that is showing that the supply has been restored.

**Annually:**

If automatic testing devices are used, the results of the short duration tests shall be recorded. For all other systems the monthly inspection shall be carried out and the following additional tests made:

1. Each luminaire shall be tested monthly as above but for its full duration in accordance with the manufacturer's information.
2. The unswitched supply for the luminaire should be restored and any charge indicator lamp or device should be checked to ensure that it shows the unswitched supply has been restored. The charging arrangements should be checked for proper functioning.
3. The date of the test and its results shall be recorded in the system logbook.

A copy of this report must accompany any emergency luminaire returned to KSR Lighting for any reason.

