



Available finish: Black

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

IP65 240V~50Hz IK10 30W

These fittings are Class I and must be Earthed

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 (0°C ~ +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.

Important User Advice

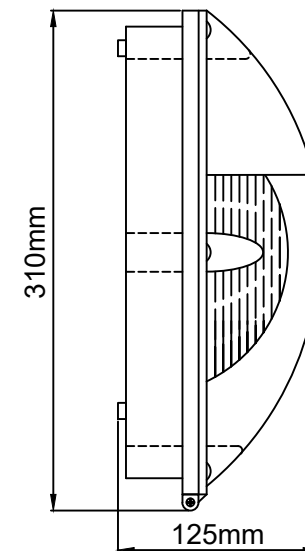
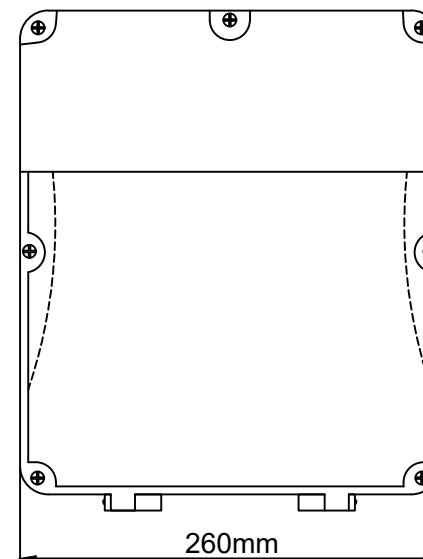
Always switch off mains supply before installing/servicing. Do not use Megger or similar high voltage instruments. Due to the fact this product contains electronic components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing. To prevent damage to the driver, do not mix with conventional magnetic ballasts on the same electrical circuit. KSR recommends a maintenance schedule of washing down with soapy water (no abrasive cleaners) and greasing all screws every 3 months. 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

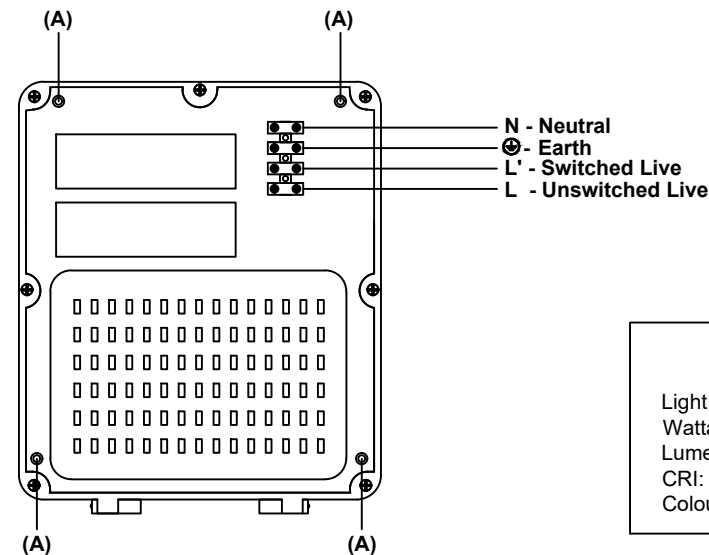
KSR recommend that you familiarize yourself with the connections. Turn off mains supply. Remove the 7 cover retaining screws, these are captive so can be left on the diffuser. Open the luminaire, Drill out the four fixing points, one per corner (A) and secure the luminaire using suitable fixings for the substrate. Using a suitable cable gland pass the supply cable through the cable gland ensuring a water tight seal and terminate the supply cable into the terminal block (Neutral - Blue, Earth - Green/Yellow, L - Brown, Permanent Live, & L' - Brown Switched Live) Re-fit the front using the retained screws, ensuring the seal is in place and clean. Turn on mains supply and test. Ensure the luminaire is powered up for a minimum of 24 hours without any interruption in the permanent supply prior to carrying out any periodic testing. Once charging is complete a 3 hour discharge test should be carried out and the results recorded in accordance with current regulations.

LEDs are an inductive load so It may be necessary to uprate your MCBs to avoid nusense tripping as a result of higher inrush currents.

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



KSR1167



| Lamp Details |
|-----------------------------|
| Light Source: Dedicated LED |
| Wattage: 30W |
| Lumen Output: 2031 Lumens |
| CRI: 83 |
| Colour: 4000K |

This product contains a light source of energy efficiency class G

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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.



