

Available finish: Black Finish

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

**IP65/IK10** **240V~50Hz**

**These fittings are Class II and do not require an Earth**

## 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 - 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 fitting or servicing. This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted surfaces. 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 luminaire, 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 before Installation

### Suspension/Carabineer Clip Option

Using the Suspension Kit provided, ensure clips are secured to Low bay mounting points before proceeding to wire luminaire to mains. Remove Emergency Pack cover by releasing the screws and retain. Connect a Permanent mains supply to Mains Supply emergency as shown in Fig 1 using suitable cable to ensure a watertight seal around the gland. After connections are made proceed to connect battery to the circuit board. Replace cover ensuring cables and seals are in place. Finally connect LED output Lead from EM module to Low Bay LED input Lead and secure the emergency pack to the suspension ensuring the status LED is visible in normal operation. Turn on Mains and Test Luminaire.

### Surface Mounting Bracket Option

For Mounting Bracket option using fixings provided to secure the bracket to the Low bay, ensure fixings are fully tightened before mounting onto mounting surface. When bracket is secure proceed to wire luminaire to mains. Remove Emergency Pack cover by releasing the screws and retain. Connect a Permanent mains supply to Mains Supply emergency as shown in Fig 1 using suitable cable to ensure a watertight seal around the gland. After connections are made proceed to connect battery to the circuit board. Replace cover ensuring cables and seals are in place. Finally connect LED output Lead from EM module to Low Bay LED input Lead and secure. Turn on Mains and Test Luminaire.

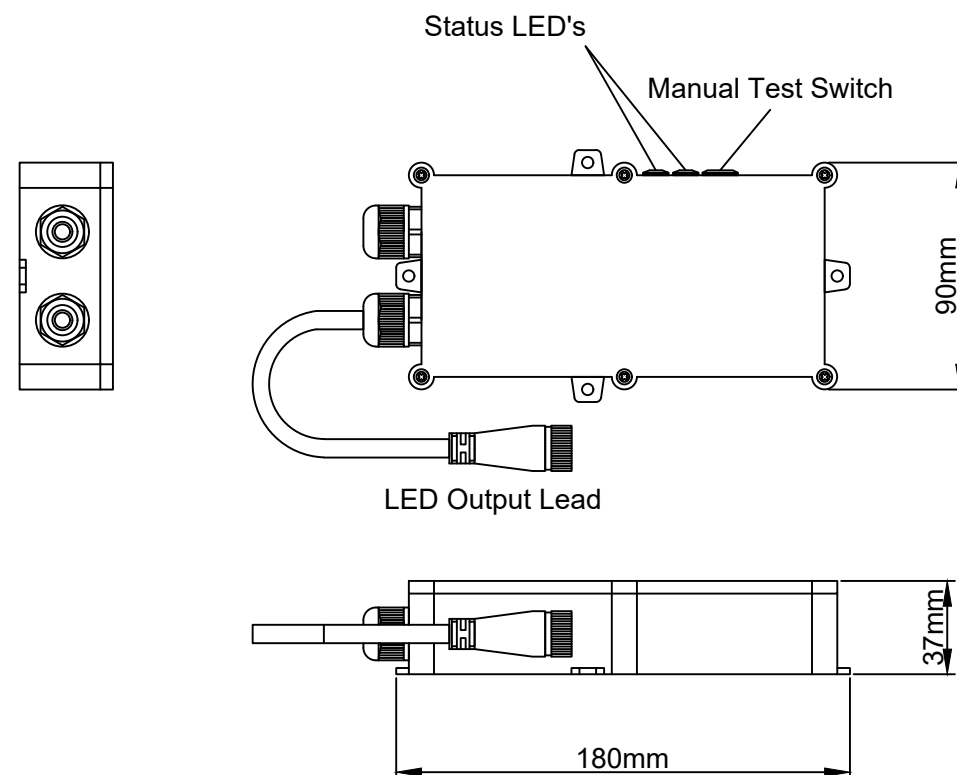
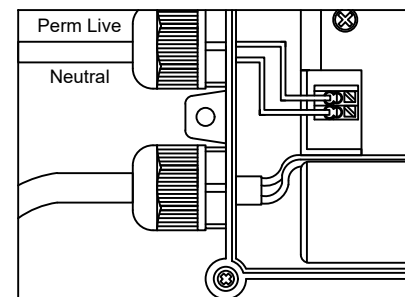


Fig 1.



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 rated duration 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.



KSR Lighting Aftersales: 023 92 674343  
E-mail: aftersales@ksrlighting.com



All full duration tests should be where possible be undertaken at times of low risk adjacent emergency luminaires we recommend that you you reset the inbuilt timer or run a manual 30 day test to stagger testing times. Once commissioned fill in the date of the first test/install date this will allow the end user to monitor and record subsequent test information on the supplied report. All tests with the exception of the visual inspection will be completed automatically including battery charge condition and lamp status.

#### Daily:

Visual inspection of the battery charge LED.

#### Automatic Monthly (Every 30 Days):

(in addition to the daily check) The results of the short duration test shall be recorded.

#### Automatic Annually (Every 180 & 360 Days):

(in addition to the daily check) The results of the full duration tests shall be recorded.

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

Performance Indicators	
Normal Operation	Red LED off, Green LED Solid
Automatic 30 Day Test	Red LED off, Green LED flashing once a second
Automatic 180/360 Day Test	Red LED off, Green LED flashing twice a second
Manual Simulated Power Failure	Red LED off, Green LED off
Manual 30 Day Test	Red LED off, Green LED flashing once a second
Manual 180/360 Day Test	Red LED off, Green LED flashing twice a second
Manual Fast Test (24 minutes)	Red LED off, Green LED four times a second

Manual Testing - Can only be completed under mains conditions	
Manual Simulated Power Failure	Hold test button until you hear 1 beep
Manual 30 Day Test	Hold test button until you hear 2 beeps
Manual 180/360 Day Test	Hold test button until you hear 3 beeps
Manual Fast Test (24 minutes)	Hold test button until you hear 4 beeps
Abort Test	Hold test button for 1 second

Fault Indicators	
Battery/Charging Fault	Red LED flashing once a second, Green LED off, Beeps twice every minute until fault rectified
Lamp Fault	Red LED flashing twice a second, Green LED off, Beeps twice every minute until fault rectified
Failed Duration Test	Red LED solid, Green LED off, Beeps twice every minute until fault rectified

**PLEASE NOTE: This fitting requires a minimum 24 Hour initial charge period prior to any manual emergency testing**



# KSR Lighting Self Test Emergency Install/Inspection/Test Record



Product Code:	Product Description:
Product Location:	
Commissioning Date:	Commissioned By:

Month	Test	Year:		Year:		Year:		Year:		Year:	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
01	Function										
02	Function										
03	Function										
04	Function										
05	Function										
06	Duration										
07	Function										
08	Function										
09	Function										
10	Function										
11	Function										
12	Duration										