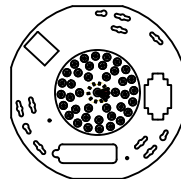


Installation Sheet

KSRSF391



Retro LED Gear Tray - Emergency



Multi Wattage & 5CCT

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

IP20   240V~50Hz 8W/14W/16W

This fitting are Class I and must be Earthed

Important Information

It is recommended that this luminaire is installed and fitted by a qualified electrician ensuring the installation complies with current wiring regulations & local building control. The product is 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 and should be disposed of in accordance with local legislation.

Installation Procedure

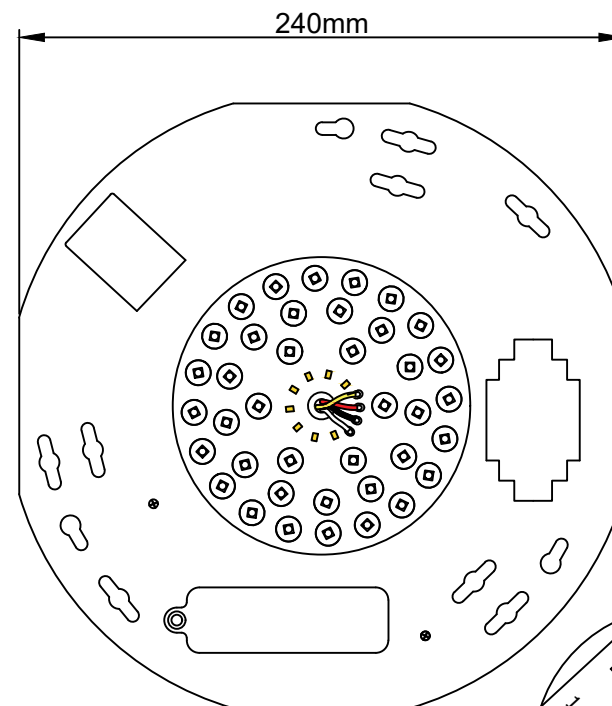
Isolate mains supply before installation. Ensure incoming cables are protected, Terminate wiring as per Fig. 1, Ensure the battery is plugged in (Fig.3), Select LED colour and wattage required using the switches on the LED driver (Fig. 2) Note: Never change the LED colour or wattage with the luminaire powered on as this can damage the luminaire. Line up required set of fixing points with your fitting base (see page 2 for fixing dimensions), the gear tray is designed to twist into place and be secured by the fixings in the intended fitting body.

CCT	Lumen output*				
	2700K	3000K	4000K	5000K	6000K
8W	983lm	992lm	1014lm	1008lm	997lm
14W	1636lm	1645lm	1683lm	1668lm	1650lm
16W	1882lm	1902lm	1925lm	1911lm	1894lm
EM Mode	151lm - All Colour Temperatures				
Other version available - <u>KSRSF390</u> - Standard Version Plug & Play Accessories also available :- <u>KSRSF393</u> - Corridor Function MW Sensor <u>KSRSF395</u> - Self Test Emergency Pack					
PLEASE NOTE* - Lumens shown are source as this product is a gear tray only without housing or diffuser. KSR cannot be held responsible for light levels when used inside a fitting.					

This product contains a light source of energy efficiency class D
The Control Gear in this product can be replaced by a professional.

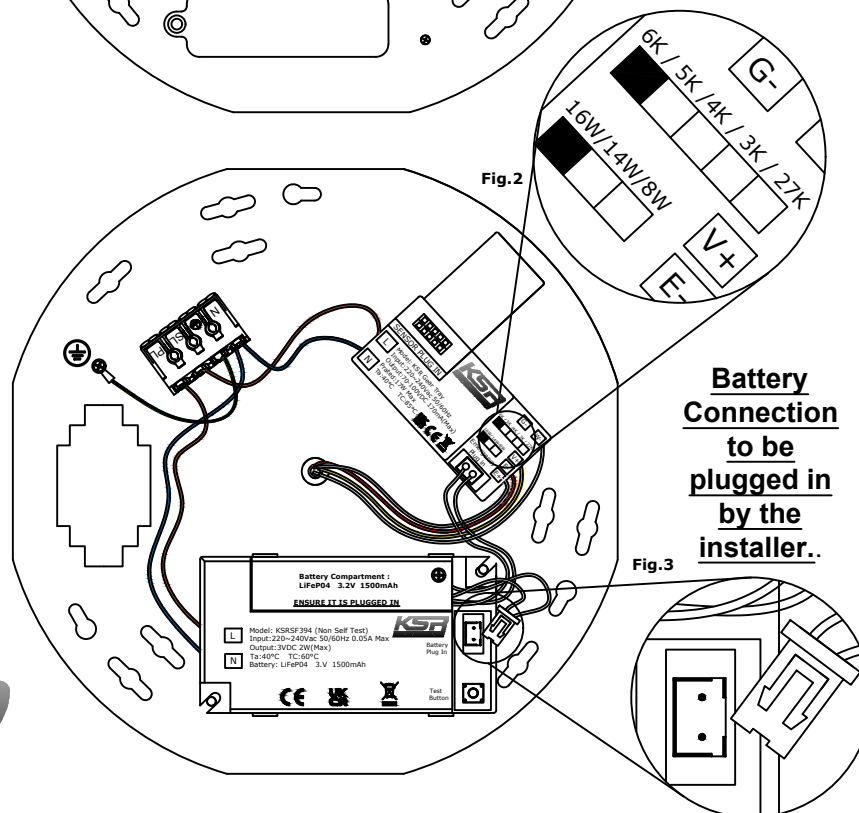
25.04.2025-PJL

Front View.



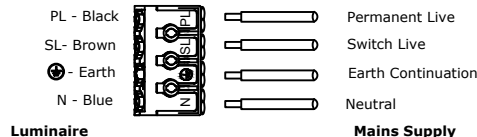
Exploded View of Wattage & CCT Selector switches located on the end of the driver as shown - Never change these whilst the power is on.

Rear View.



Upon installation - in Instances where there is no 'Switch Live' Please put a link across from Permanent Live to Switch Live.

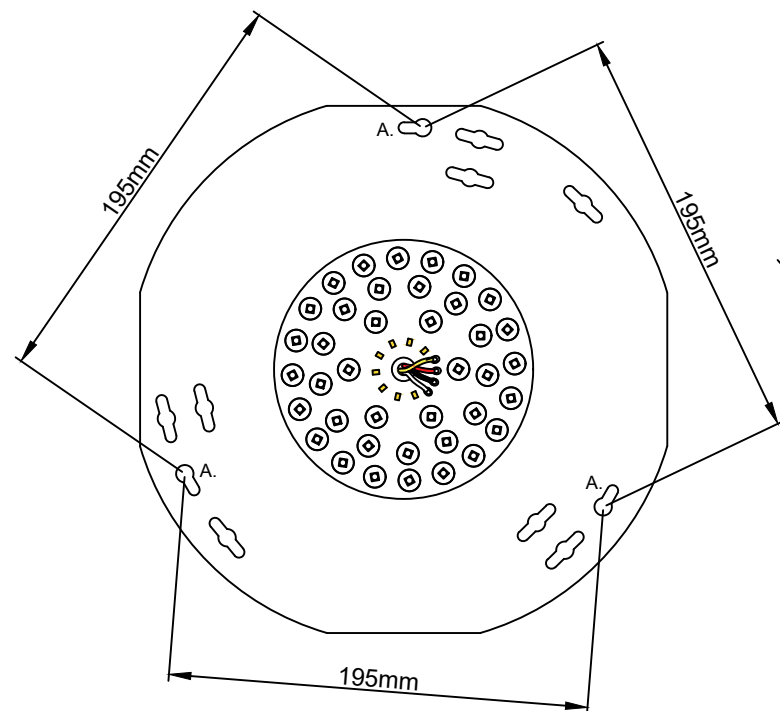
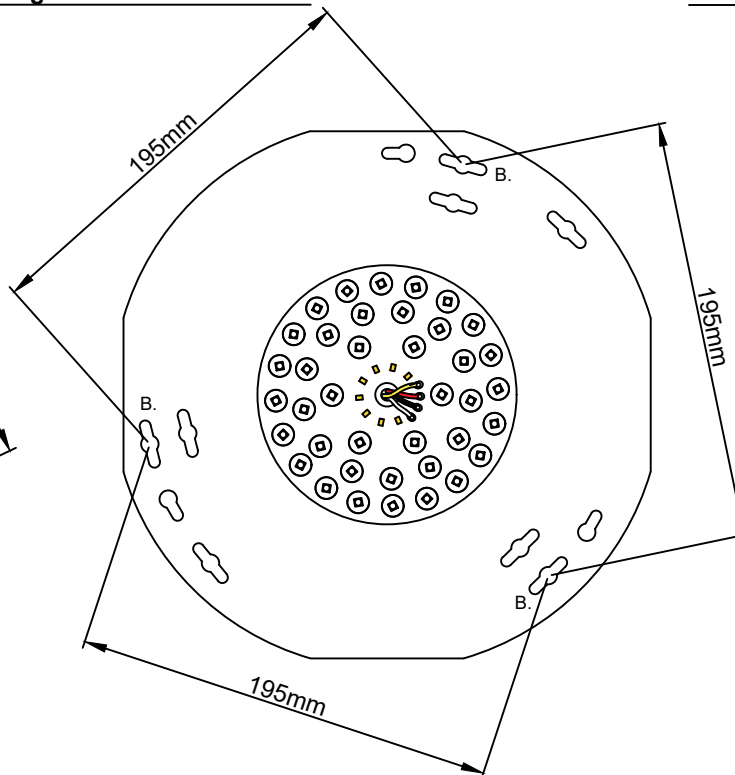
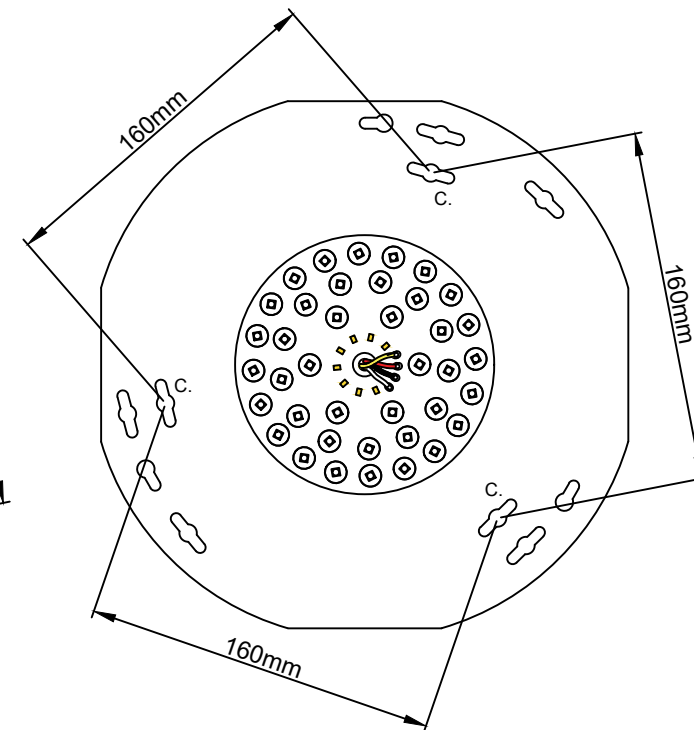
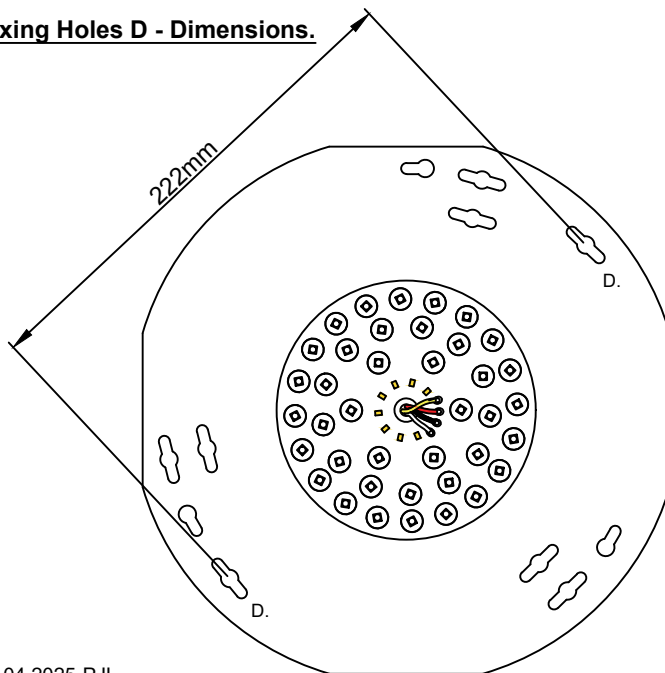
Fig.1



KSR Lighting Ltd, Optimum House, Beeding Close, Southern Cross Trading Estate, Bognor Regis, West Sussex, PO22 9TS.

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

Drg No. KSRSF391-IS-A

Fixing Holes A - Dimensions.Fixing Holes B - Dimensions.Fixing Holes C - Dimensions.Fixing Holes D - Dimensions.

Installation Procedure

Isolate mains supply before installation. Ensure incoming cables are protected, Terminate wiring as per Fig. 1, Ensure the battery is plugged in (Fig.3), Select LED colour and wattage required using the switches on the LED driver (Fig. 2) Note: Never change the LED colour or wattage with the luminaire powered on as this can damage the luminaire. Line up required set of fixing points with your fitting base (see page 2 for fixing dimensions), the gear tray is designed to twist into place and be secured by the fixings in the intended fitting body.

KSRSF390 - Gear Tray - Overall Depth = 25mm
KSRSF391 - EM Gear Tray - Overall Depth = 27mm
If using KSRSF393 Corridor Function MW Sensor
in addition to the above then Overall Depth = 30mm



All tests must be undertaken at times of least risk and in accordance with the latest standards 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.



Emergency Lighting Periodic Test Schedule

All emergency lighting should be installed and tested in accordance to the latest standards. 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

[illegible]

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