



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



Available finish:- Yellow Only

IP65 IK07    110V~50Hz 19W-50W

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 wiring regulations & local building control. These products are designed for connection to a 110V~50Hz supply. Prior to installation, carry out the appropriate risk assessment considering the person or people who could be at risk and the precautions required to control the risk. Ensure the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or maintenance. Check the total load on the circuit does not exceed the rating of the circuit cable, fuse or circuit breaker. Long term use and continuous use as well as voltage fluctuations can reduce the lifespan of the fitting. 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 - 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 110V supply before servicing.

This luminaire is suitable for indoor or exterior use and will require routine cleaning and more often if used in adverse environments where dust, paint, welding, oils etc are present. Do Not use solvents aggressive detergents, abrasives or similar. 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.

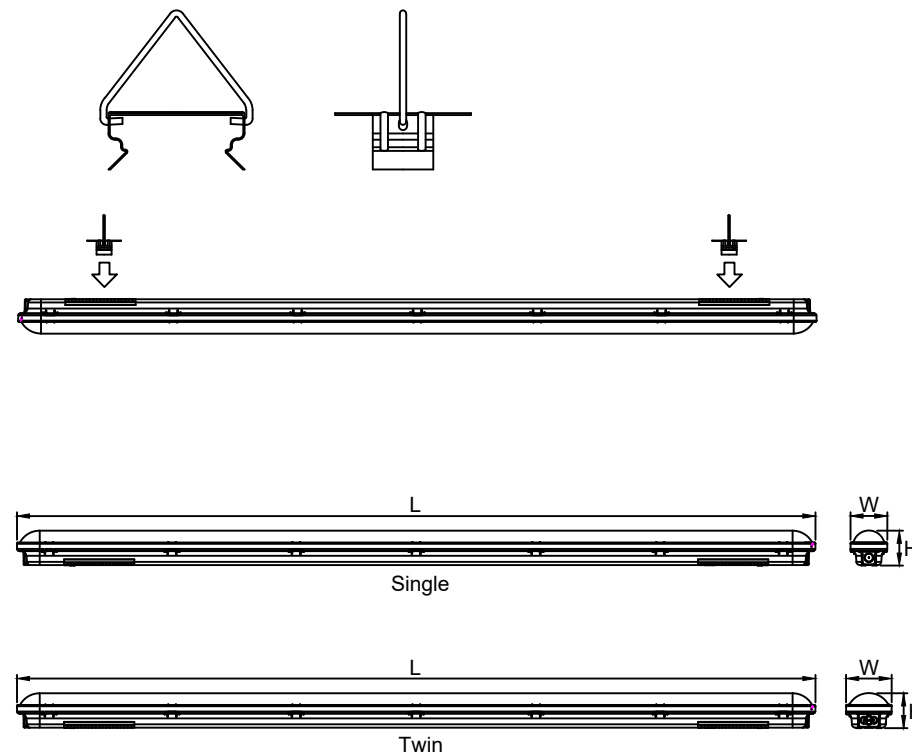
Installation Procedure

Familiarize yourself with the luminaire/installation procedure and ensure the power is safely isolated before installing the luminaire. Mark the locations of fixing position and use the brackets as a template, drill 6mm hole and fix brackets using suitable fixing for the substrate. Separate the LED array/Diffuser from the main body by unlatching the body retention clips. Fix the fixing clips in place (can be mounted to besa boxes). For any suspension method please use brackets and hangers provided (Fig.1). Only fix through the body of the luminaire if intended to be used in conjunction with KSR5407 or KSR5408, 6mm holes will need to be drilled at the location points to marry up with the fixing holes on one of the frames, use the fixings provided and the rubber seals / washers to ensure the fitting retains its IP rating. Drill and secure the cable gland supplied using any of the marked entry points (Non Junction box versions) route the appropriate supply cable 6-12mm round cable only through the cable gland or Junction box cable gland provided. (Fig.2) Connect the mains wiring, (SL) Switch Live, (PL) Permanent Live, Neutral (N) and Earth (). Make sure the battery is plugged in & re-fit the diffuser back onto the fitting body ensuring it is correctly in place and all clips are properly located back into place. Turn on the power and test the luminaire

IMPORTANT BATTERY INFORMATION.

Please ensure, that after your temporary site installation, any Emergency fitting has had a 24 hour 110V supply & the battery unplugged prior to decommissioning of the site, this will ensure that the batteries are fully charged & ready for the next installation, if not, the fitting will require a minimum of 24 hours charge fully. If the fitting does not remain lit for the required 3 hour period (after a 24 hour charge) then a new battery may be required.

Fig. 1



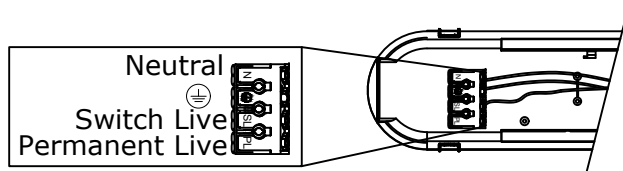
Product Code	Description	Dimensions L x W x H	Wattage	Colour
KSR5400/EM	Sitio 2ft Twin LED 110V IP65 Anti Corrosive	650mm x 105mm x 75mm	19W	4000K
KSR5402/EM	Sitio 4ft Single LED 110V IP65 Anti Corrosive	1180mm x 85mm x 80mm	19W	4000K
KSR5403/EM	Sitio 5ft Single LED 110V IP65 Anti Corrosive	1485mm x 85mm x 80mm	24W	4000K
KSR5404/EM	Sitio 5ft Twin LED 110V IP65 Anti Corrosive	1485mm x 105mm x 80mm	50W	4000K
KSR5405/EM	Sitio 2ft Twin LED 110V IP65 Anti Corrosive c/w 1M Cable & JB	650mm x 105mm x 75mm	19W	4000K
KSR5406/EM	Sitio 5ft Twin LED 110V IP65 Anti Corrosive c/w 1M Cable & JB	1485mm x 105mm x 80mm	50W	4000K

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



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

Fig. 2



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