



Available finish:- White

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

IP20 IK10 240V~50Hz 55W-188W

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 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 ~ +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.

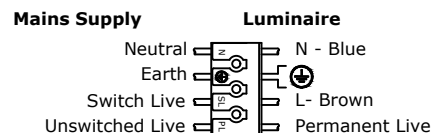
Important User Advice

Always switch off mains supply before installation/servicing. This luminaire is suitable for indoor use suspended applications only. 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.

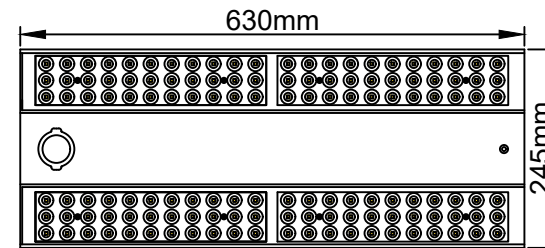
Installation Procedure

Familiarize yourself with the luminaire and ensure the power is turned off before installing the fitting. Remove the terminal cover screw and retain Fig. 1. Install the supplied suspension chains to the luminaire using the supplied carabiner and connect to screw eye hooks or other suitable fixings for the install (not supplied) Fig. 2. Connect the mains wiring as per the guide below and plug in the emergency battery connector labeled. Switch the power select switch to the required wattage output. *Never switch the wattage while powered on as this can damage the Luminaire.* Refit the terminal cover using the retained terminal cover screw retained earlier ensuring not to over tighten. If fitting the KSR98233 Grille frames (2x required for KSR98230-31 or 4x for KSR98232) screw these through the fixing tags as per Fig. 3. using the screws provided with the KSR98233 frame. Turn on the power and test the luminaire. **Ensure the battery has a minimum charge of 24 hours before any emergency testing is carried out.** If installing an optional sensor (KSR98234-98235) please see instructions for installation and setup supplied with the sensors and KSR98236 remote programmer.

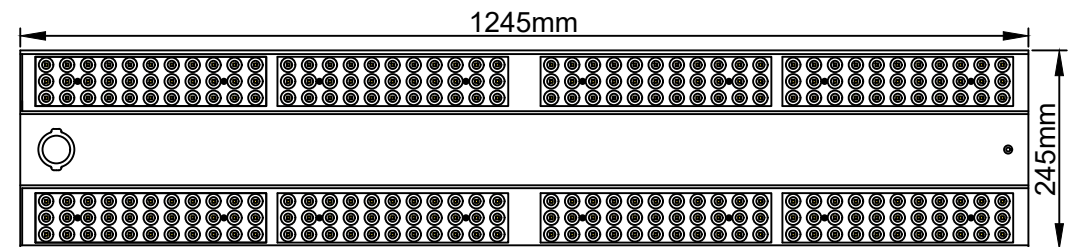
Please Note LEDs are an inductive load so to avoid unwanted MCB tripping it may be necessary to uprate your breakers.



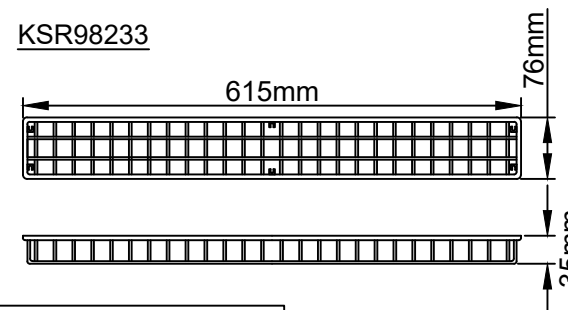
KSR98230-KSR98231



KSR98232

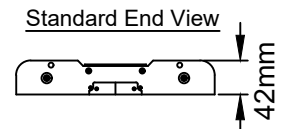


KSR98233



Battery Specification

Battery Technology: LiFePO4
Rated Voltage: 6.4V
Capacity: 3800mAh
Temperature Rating: 0~40°C
Temperature Classification: 60°C



End View With Optional Grille Installed

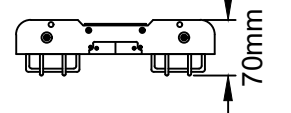
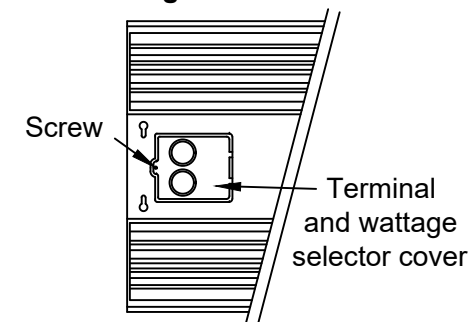


Fig. 1



*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



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Product Code	Description	Wattage	Colour	Lumens	Lumens with 60° lens (KSR98237)
KSR98230	Colegio 2ft - 55W/65W/75W 4000K LED Directional Low Bay	55W	4000K	8810	8540
		65W		10410	10175
		75W		12255	11730
KSR98231	Colegio 2ft - 85W/105W/125W 4000K LED Directional Low Bay	85W	4000K	13585	13315
		105W		16710	16355
		125W		19350	19615
KSR98232	Colegio 4ft - 140W/164W/188W 4000K LED Directional Low Bay	140W	4000K	22010	21810
		164W		26125	25820
		188W		30250	29145

Fig. 2

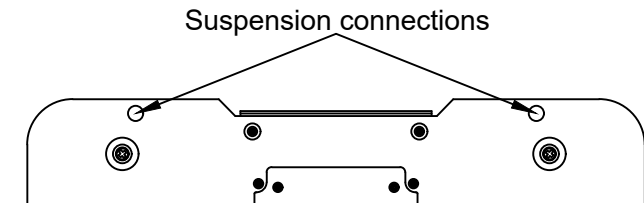
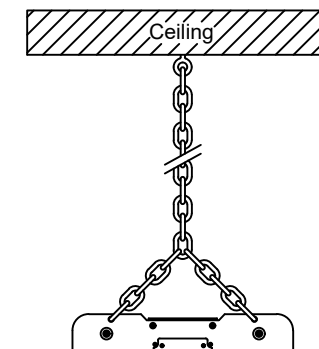
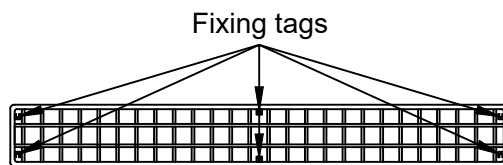


Fig. 3



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Drg No. KSR98230-98233EM-IS-A

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