


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 20W-60W

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 (normal operating ambient temperature 0 ~ 35°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. This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted ceilings. Do not use Megger or similar high voltage instruments. Due to the fact this luminaire contains electronic components that may be 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 safely isolated before installing the luminaire. The LED/diffuser top is hinged on the base to release push the 2 end buttons (one each end Fig. 1) and swing the LED/diffuser away from the base. Offer the main body up to the ceiling and mark the fixing points. If using surface conduit ensure the beza boxes are mounted at the correct centers. Drill and secure the main body in place, dressing the supply cable through either of the three rear entry points or end caps. Connect the mains wiring as per Fig. 2 below. **Please note:** For testing purposes a provision should be made in the circuit for disconnection of the permanent live (i.e. key switch). Offer up the LED/diffuser and if removed in previous steps re-connect the two support straps on the LED/diffuser top to the two tags on the main body. Switch the CCT switch to be the output you require. **Never switch the CCT switch with the luminaire powered on.** Close the LED/diffuser, ensuring you don't trap any cables, that it is properly located and it is locked in place. Turn on the power and test the luminaire. 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.

LED's are an inductive load so avoid unwanted MCB tripping it may be necessary to uprate your breakers to a C type.



Available finish: White

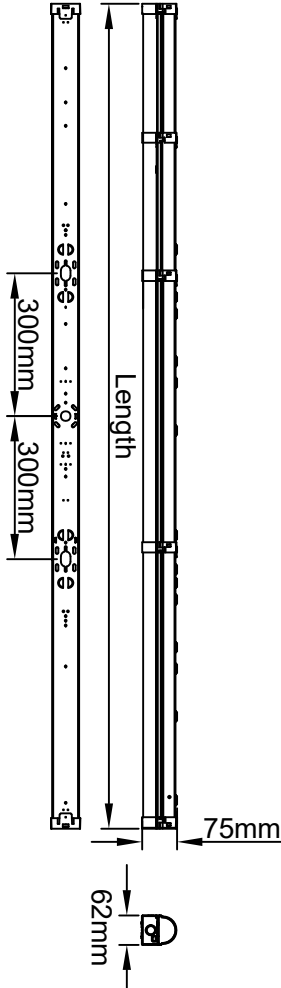


Fig. 1

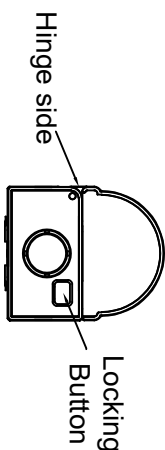
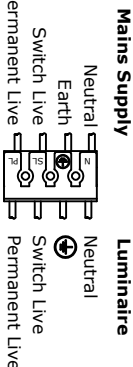


Fig. 2



Lamp Details					
Product Code	Description	Length	Wattage	Colour	Lumens
KSR98240	Navara X2-4S	1170mm	20W	3000K	2679
				4000K	2667
				6000K	2690
KSR98241	Navara X2-4T	1170mm	40W	3000K	5388
				4000K	5329
				6000K	5415
KSR98242	Navara X2-5S	1460mm	38W	3000K	4107
				4000K	4107
				6000K	4191
KSR98243	Navara X2-5T	1460mm	52W	3000K	6708
				4000K	6722
				6000K	6738
KSR98244	Navara X2-6S	1730mm	40W	3000K	5317
				4000K	5277
				6000K	5438
KSR98245	Navara X2-6T	1730mm	60W	3000K	7788
				4000K	8168
				6000K	8096

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



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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.

