



Read these instructions before commencing installation & retain them for future reference.

Installation Particulars For End User

Commissioning:

Once the luminaire has been installed in line with the manufacturer's recommendations, the battery should be allowed to charge for a minimum period of 24 hours before testing for its rated duration. If it is anticipated that the un-switched supply may be interrupted, it is imperative that the battery is left disconnected and commissioning is delayed until the supply is stable.

If the luminaire has been stored for a number of months, it may be necessary to repeat the charge/discharge process several times to re-condition the battery. After successful commissioning, the battery should be marked with the date of commission.

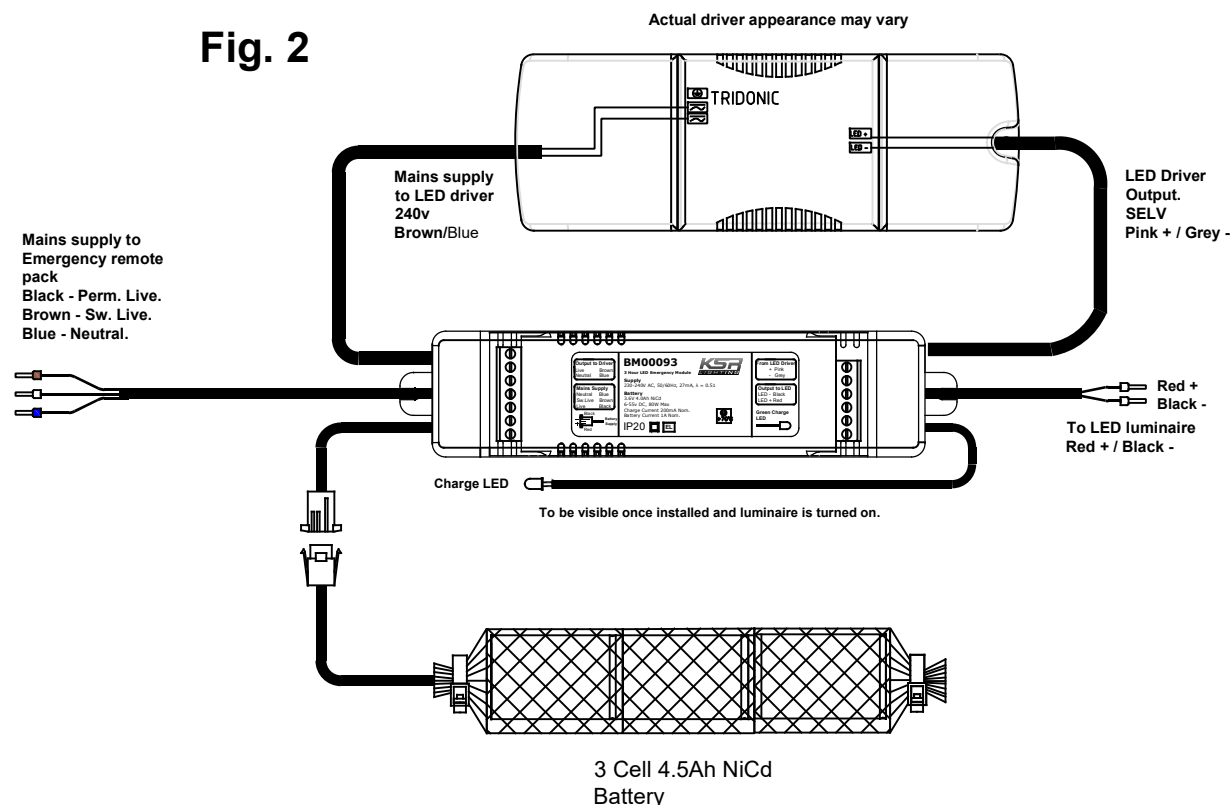
Routine test and inspection should be performed in accordance with EN50172 or otherwise local legislation. Short discharge periods of around 5 – 10 minutes each month for the purposes of inspection will not adversely affect the batteries and should be considered as a maintenance exercise for the battery.

Regular full discharge cycles may adversely affect the design life of the battery.

Precautions

This product should be installed as per the following guidelines, electric shock or damage to the product may result if incorrectly installed. The luminaire should be installed by a qualified and competent electrician. If the luminaire is to be mounted in an cold or hot environments, consider the battery location as temperatures below 5°C will in this case compromise the design life and more frequent battery replacements may be needed. Likewise, if the luminaire is situated in a hot environment where the temperature is maintained at 25°C or above, or sited next to large panes of glass in which case it may be exposed to thermal magnification.

Fig. 2



Warranty

The LED luminaire comes complete with a 60 month warranty from date of purchase unless otherwise stated. Please note that the emergency packs and batteries come with a 12 month fixed warranty. Should any claim be made against battery failure within the warranty period, full and complete maintenance test reports must be provided.






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Available Colour: White

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IP44    240V 40W

Important Information

It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control. Any damaged parts should be replaced as soon as possible. KSR will not accept responsibility for any claims arising from a sub-standard installation.

Important User Advice

Always switch off mains supply before servicing.

The working ambient temperature should be -20°C ~ +30°C if outside these ranges the life span will be effected (reduced).

This product is designed to be used indoors only and is IP44 rated from the front only.

Installation Procedure

KSR recommends that a sample hole is cut in some scrap material to familiarize yourself with the installation. Once you are completely satisfied:

Locate the area's suitable to install these luminaires.

Cut a 200~220mm round hole in the ceiling and ensure sufficient ceiling void without infringing on joists, water pipes or electrical cables.

On the primary side of the emergency module lift the cover of the Inverter, Strip the supply cable as per Fig.1. Connect the emergency module to the mains supply Brown (Switch Live), Black (Perm Live) and Blue (Neutral) as per Fig.2.

Close the cover and snap cover back into place

Plug the driver into the LED head using the plug and play connector.

Insert the driver into the void ensuring adequate free space 75mm all around and 25mm above the fitting. Never cover the driver or fitting in insulation!

Raise the spring retaining clips up to the side of the luminaire and insert into aperture. The spring clips will locate on the back of the ceiling holding the luminaire in place.

The product should be installed as per the illustration Fig.3

Turn on the mains supply to test the luminaire.

*Please note: Depending on the amount of fittings on a circuit you may have to upgrade the breaker to a 'C' or 'D' type due to the way electronic equipment starts up with higher inrush currents.

Fig. 3

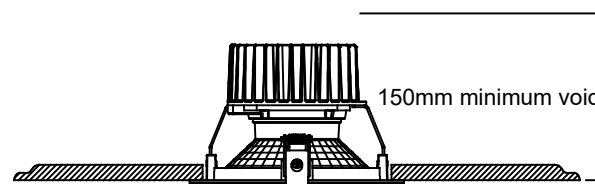
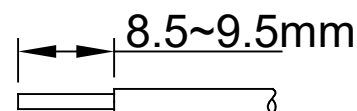
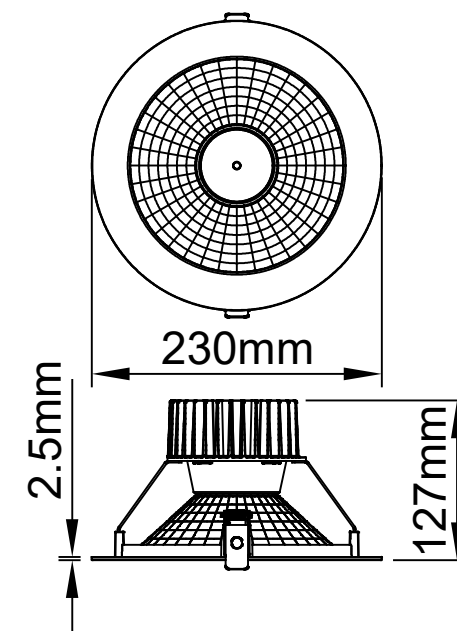


Fig. 1



Cable size 0.75~1.5mm



Lamp Details

Light Source: Non-replaceable LED
Wattage: 40W
Lumens: 3955
Colour: 4000K
CRI: Ra91

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