

# FYR LYT

## HELLFYR REMOTE MOUNT LIGHT

- 1/. Wiring diagram with isolation switch and remote control arm switch.
- 2/. Wiring diagram with isolation switch only.

**DANGER : 27 volt converter is not reverse polarity protected.  
Reversed 12 volt input connections will destroy the converter  
instantly . ( NOT covered by WARRANTY)**

Diagram 1

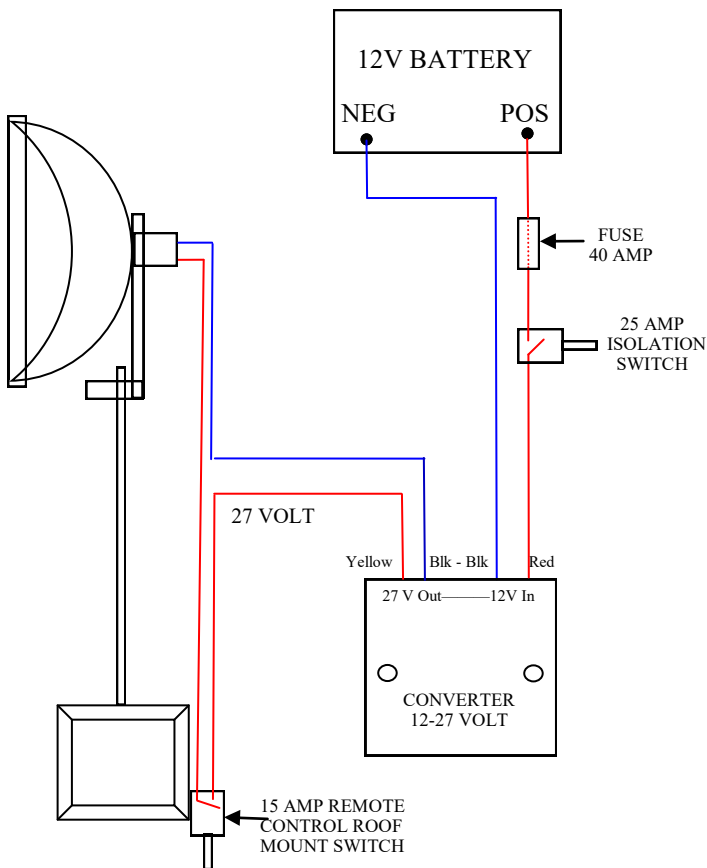
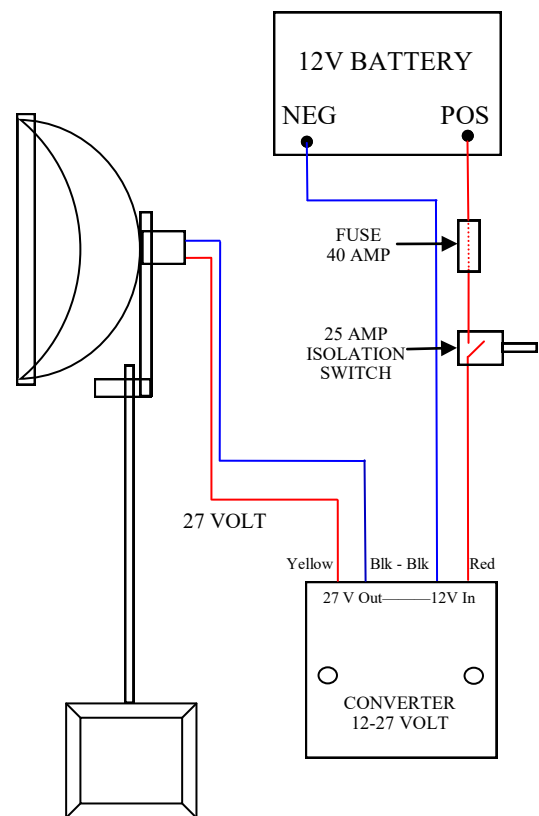


Diagram 2



### Note:

Negative & Positive wires from battery to converter 12 volt input to be a **minimum** of 2.50mm Dia copper wire = approx (10 AWG = 6.00mm wire = 4.9mm<sup>2</sup>)

# FYRLYT - HELLFYR REMOTE MOUNT LIGHT

Features for the professional user

Suitable for through roof, suction bar, roof rack or similar mount systems

- 1/. Fully rebuildable light
- 2/. Machined alloy construction
- 3/. Borosilic Glass lens
- 4/. Front of mounting slot = exact centre of balance / light does not flop forwards or backwards when fitted correctly
- 5/. 12-14 volt input to converter - 27 volt output to light for a nominal 12000+ lumen output
- 7/. Full focus adjustment of beam when in use
- 8/. No tools –easy bulb change
- 9/. Fully Oring sealed and Gore type breather for water proofing
- 10/. Fitted with 24 volt x 250 watt

## Fitting instructions

**NOTE: 12– 27 volt converter is not reverse polarity protected on the 12 volt input side.**

Ensure the polarity of your wiring is correct before connecting to the battery. Reverse connection will destroy the converter instantly and is not covered by warranty.

Choose type of wiring switching you want—see diagrams 1 & 2

Ensure wiring size is to spec to minimise voltage drop especially if mounting converter behind drivers seat or similar longer wire run. ( Current draw is approx. 23 amps at 14 volts on input side and approx. 11 amps @ 27 volts on the output )

Light comes assembled with focusing knob in approximate spot beam position. You will need to check and adjust focus to suit once fitted.

We advise fitting a 25 amp isolation switch between the battery and the converter, This ensures the converter does not draw amps when not in use / approx 200ma on standby.

Diagram 2/. Shows the isolation switch as the main in - use on/off function / ( usually dash mounted )

Diagram 1/. Uses switch (15amp ) on roof mount control arm for main in-use on/off function and isolation switch ( 25 amp ) for end of night use.

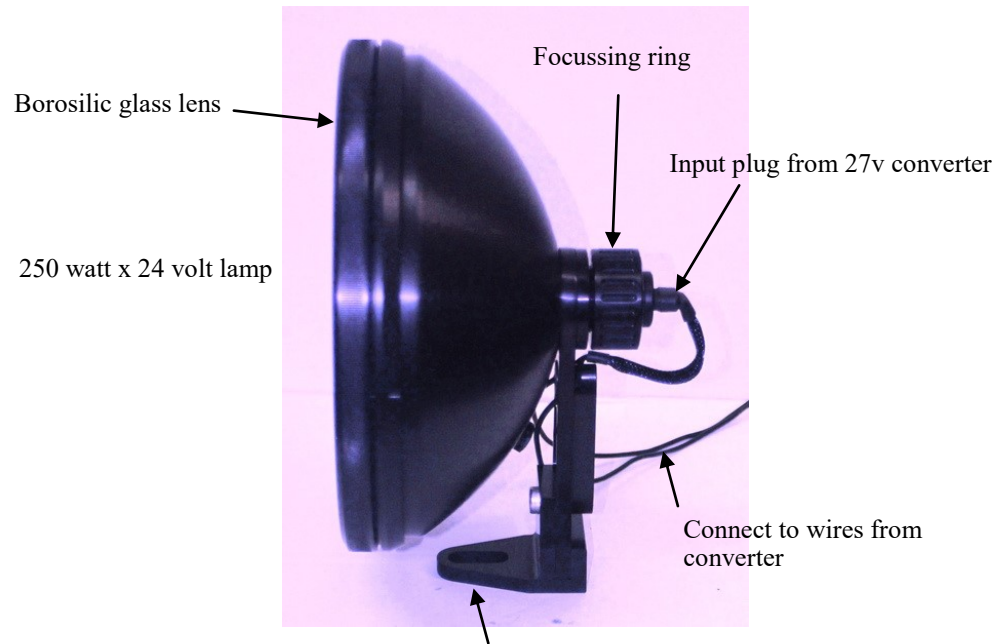
There is a slight delay when switching on as converter powers up.

To change the bulb, unplug input wires from rear of focus knob at rear of light.  
 Unscrew focus knob from rear of light and withdraw lamp fitting.  
 Change bulb and ensure it is seated fully and central to the base ensuring the anti rotation locating flat on the bottom of the bulb holder fitting is at the bottom.

**IMPORTANT**

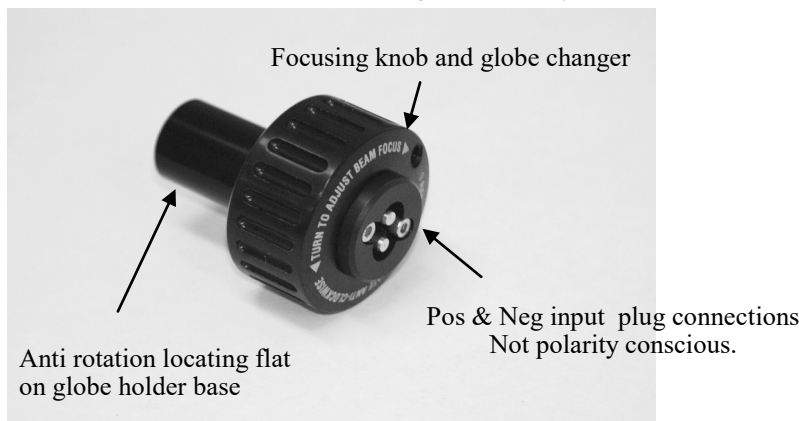
Refit the assembly back into the light whilst applying slight thumb pressure to the centre of the focus knob assembly to stop jamming and screw the focus knob almost all the way in ( about 3.00mm from base ). This will be the approx. base setting.

Refit input wire plug, switch on light and readjust focus.



**Globe holder and focussing assembly**

Mounting slot / front of slot is centre of balance



**Warranty** "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure."

Should your FYRLYT product fail to live up to our claims please return to your authorised dealer with proof of purchase for a full refund and accept our invitation to tell us why via our website or alternatively call us.

FYRLYT products are warranted against faulty parts or workmanship for 12 months from date of purchase.

**FYRLYT PTY LTD**

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