



# EMO RACK LIGHT RK1 INSTRUCTIONS FOR USE

## CAUTION:

- DO NOT REMOVE ANY COVERS WITHOUT REMOVING THE MAINS SUPPLY.
- DO NOT OPERATE THE UNIT WITH ANY COVERS REMOVED.
- ALWAYS REPLACE ANY FUSE WITH THE SAME TYPE AND SPECIFICATION.
- THIS UNIT MUST ALWAYS BE EARTHED.
- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS ITEM TO RAIN OR MOISTURE.
- THIS PRODUCT IS NOT DESIGNED FOR USE IN A DOMESTIC ENVIRONMENT.

## Models

- EMO Rack Light RK1 (51-851)

## Mains Supply

The Rack Light is designed to operate satisfactorily on a 50/60Hz supply of nominally 230V, 115V or 100V. See rear of unit for operating voltage. It is not possible to change the supply voltage of the product. If you have the incorrect unit for your mains supply voltage contact your local dealer for a suitable alternative.

### - DO NOT CONNECT TO AN INCORRECT SUPPLY VOLTAGE -

The unit should be checked for electrical & mechanical safety at appropriate intervals depending on usage. Particular attention should be given to ensuring satisfactory earthing. Earth bonding & insulation resistance should be checked at initial installation. Provision should be made to isolate the supply should any servicing of the unit be required. Under no circumstances should the mains supply earth be disconnected.

As the switching to the lamps is on the low voltage side of the internal supply, the unit will always draw a small amount of current, even when the lamps are off. If this is a problem a suitable isolator should be fitted to the supply cable. Provision should be made to isolate the supply should any servicing of the unit be required.

## IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured green-&-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green-&-yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured blue
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured brown.

If a UK 13A square pin plug is to be fitted then a 3A fuse should be used. If another type of plug, or a permanent connection is made then a suitable protective device or fuse should be used to protect the 0.75mm<sup>2</sup> supply cable.

## Operation

The unit should be securely fitted to a 19" rack before use. Thought should be given to rear support in mobile applications. To operate the rack light turn & pull the knob on the right side of the front panel. The lamps will illuminate automatically. The light level can be switched between two settings using the switch on the left hand side of the panel. To turn off the lights, push the front panel back into the rack unit until the turn latch is heard to click shut.



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### Lamp Changing

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Before changing any lamps the supply **MUST** be isolated.

Only bulbs to the following specification should be used:

12V 5W Festoon (BS Ref 239) - higher wattage types should **NOT** be used.

Suitable replacements are available from your local EMO supplier (51-859).

For further information or servicing please contact your local E.M.O. Dealer.