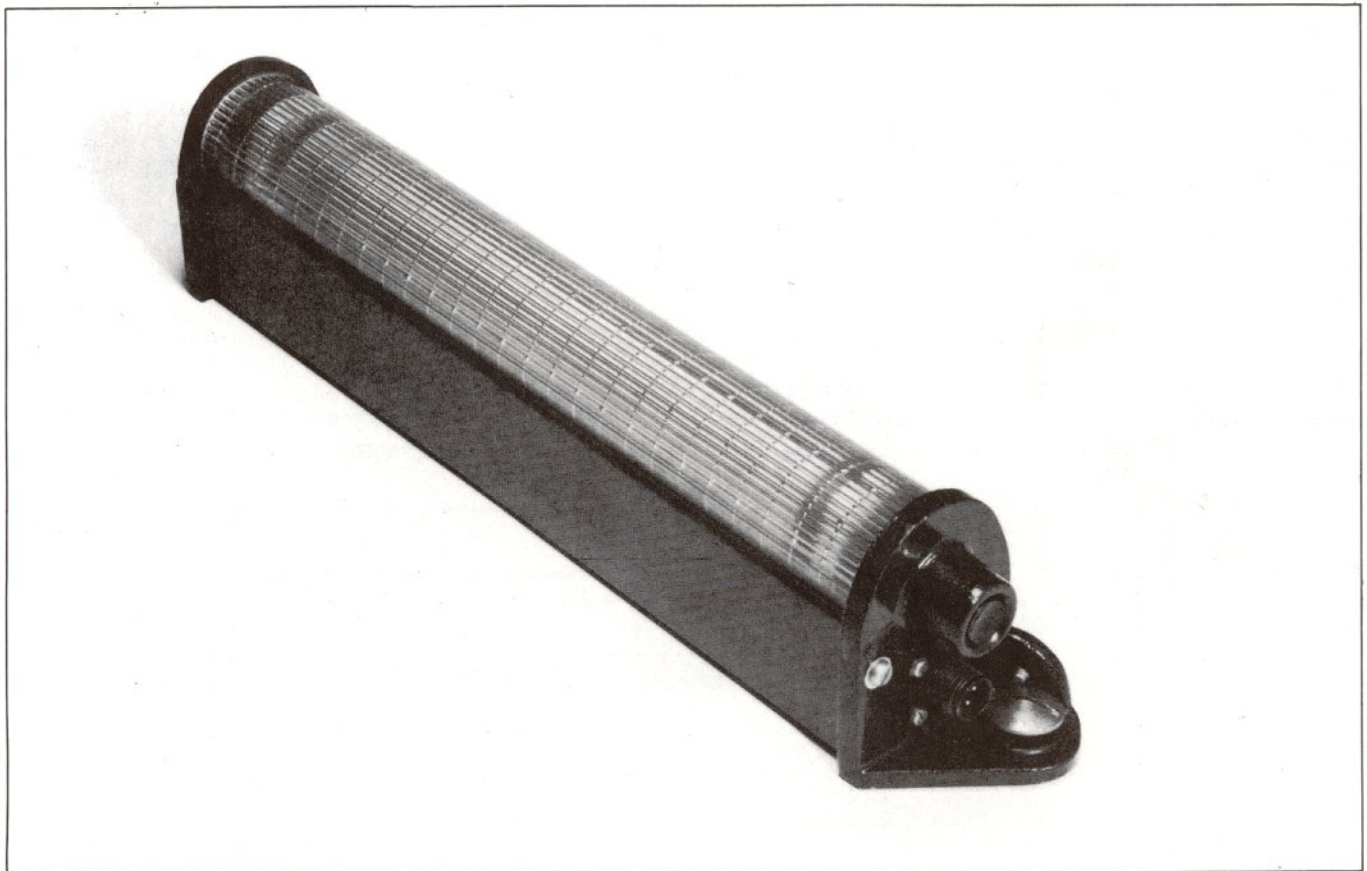


# Military Vehicle Lights

## 8 Watt Fluorescent RFI Suppressed

**Description**

This luminaire is a bulkhead fluorescent fitting incorporating integral transistorised control circuitry. The use of a fluorescent tube gives a soft, clear, all round illumination, with particular reference to colour definition.

The light incidence in a plane area of 1.5m<sup>2</sup> at a distance of 1.0m from the lamp is 370 lumens.

**Construction**

The lamp is made up from two extrusions, the base of aluminium, the top of polycarbonate and two end caps which are die castings.

The chassis which holds the inverter electronics and fluorescent tube is attached to one of the end castings

along with the on/off switch.

A connector is fitted at both ends so that the supply can be fed from lamp to lamp in cascade.

The type of socket and/or plug fitted is flexible; versions with only one socket fitted, or with a socket fitted on one end and a plug at the other, are also available. There are versions available sealed to conform to RARDE specification 2051. RFI suppression to RARDE specification 595 and TS 1527 (see table), can be provided.

Fixing screws or clamps are mounted externally for ease of fitting. All metallic parts are treated to prevent corrosion and fungal attack and are painted Nato Green, but may be in any colour to meet customers' requirements.

**Installation**

When fitting to a flat surface, two 25mm square, 10mm thick steel pads are required, tapped central  $\frac{5}{16}$ " UNF, UNC or M8 spaced 394mm between centres.

**Re-lamping**

Relamping can be carried out by unskilled personnel by removing 2 end screws and withdrawing the end casting complete with electrical chassis.

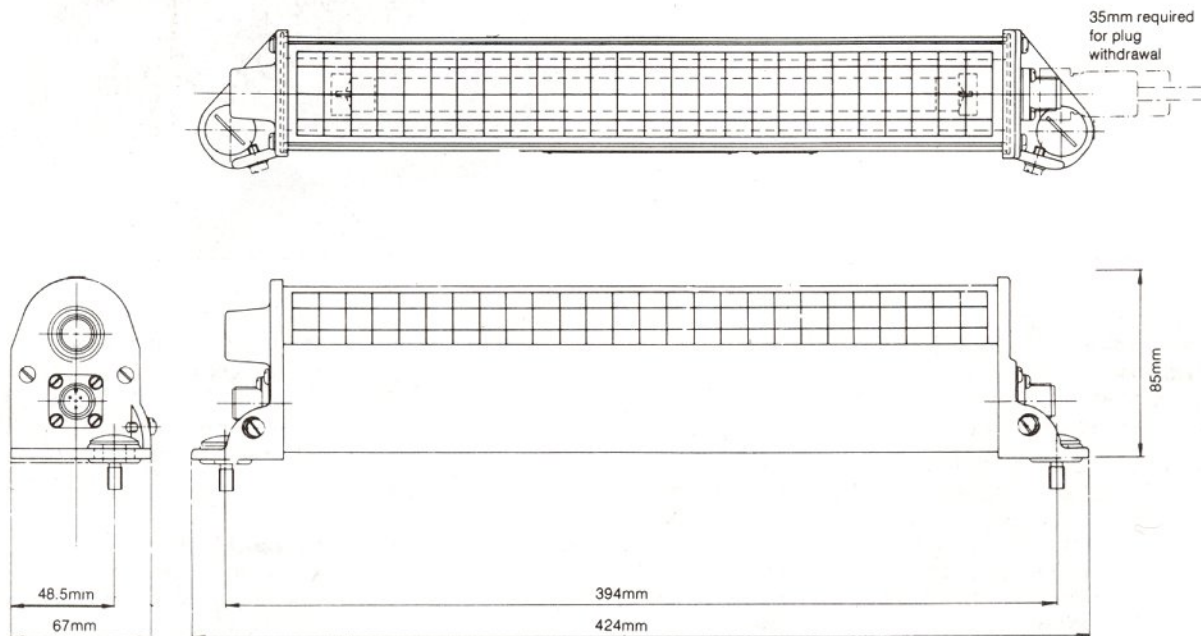
Full product support is available.

## Technical Details

<b>Length</b>	424mm
<b>Width</b>	67mm
<b>Height</b>	85mm
<b>Weight</b>	1.7kg
<b>Tube Type</b>	300mm 8 watt
<b>Operating Temperature</b>	-10°C to 35°C
<b>Storage Temperature</b>	-40°C to 60°C
<b>Supply Voltage</b>	(see table)
<b>Power Consumption</b>	12 to 15 watts

## Variations Available

Supply Voltage	Suppression to	Connector Switch end	Connector Plain end	Drawing No.	NATO Stock No.
12V DC	RARDE Spec 595	MS Plug	MS Plug	FV 988699	5820-9C-76 i-9673
24V DC	RARDE Spec 595	MS Plug	MS Plug	FV 988674	5820-99-761-9671
24V DC	TS 1527 (excluding low frequency)	MS Plug	MS Plug	C 14223	6240-99-736-5541
24V DC	RARDE Spec 595	Blank	MS Plug	C 14250	6210-99-734-5601
24V DC	RARDE Spec 595	MS Socket	MS Plug	C 14252	6220-99-798-0324
24V DC	TS 1527 (excluding low frequency)	MS Plug	Blank	C 14270	
24V DC	TS 1527 (excluding low frequency)	MS Plug	MS Socket	C 14306	
24V DC	RARDE Spec 595	Abboot Plug	Abboot Socket	FV 908723	
240V 50Hz AC	RARDE Spec 595	MS Plug	MS Socket	FV 988698	5820-99-761-9672
24V DC	RARDE Spec 595	MS Socket (no switch)	MS Plug	C 15067	



# WESTAIR

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