

Bulkhead Light

Description

A multipurpose bulkhead fitting. Dust, water, shock and vibration proof. Designed for use in military vehicles. Available with a clear polycarbonate dome for maximum light output, or with a blue or red polycarbonate dome, to give 'moonlight' for night operation. Protective cage also available.

Construction

The lamp fitting is a single aluminium casting, containing an insulated terminal block, bulb holder with fly leads and bulb. This is covered by a polycarbonate dome, which is sealed

by means of an expanded rubber seal between cover and base, making the fitting dust and water tight.

The bulb holder, insulated from the base, is anti-shock and vibration mounted. It will accept filament lamps.

Installation

Fixing of the lamp fitting is by two 5.4mm holes positioned diagonally on outside corner lugs.

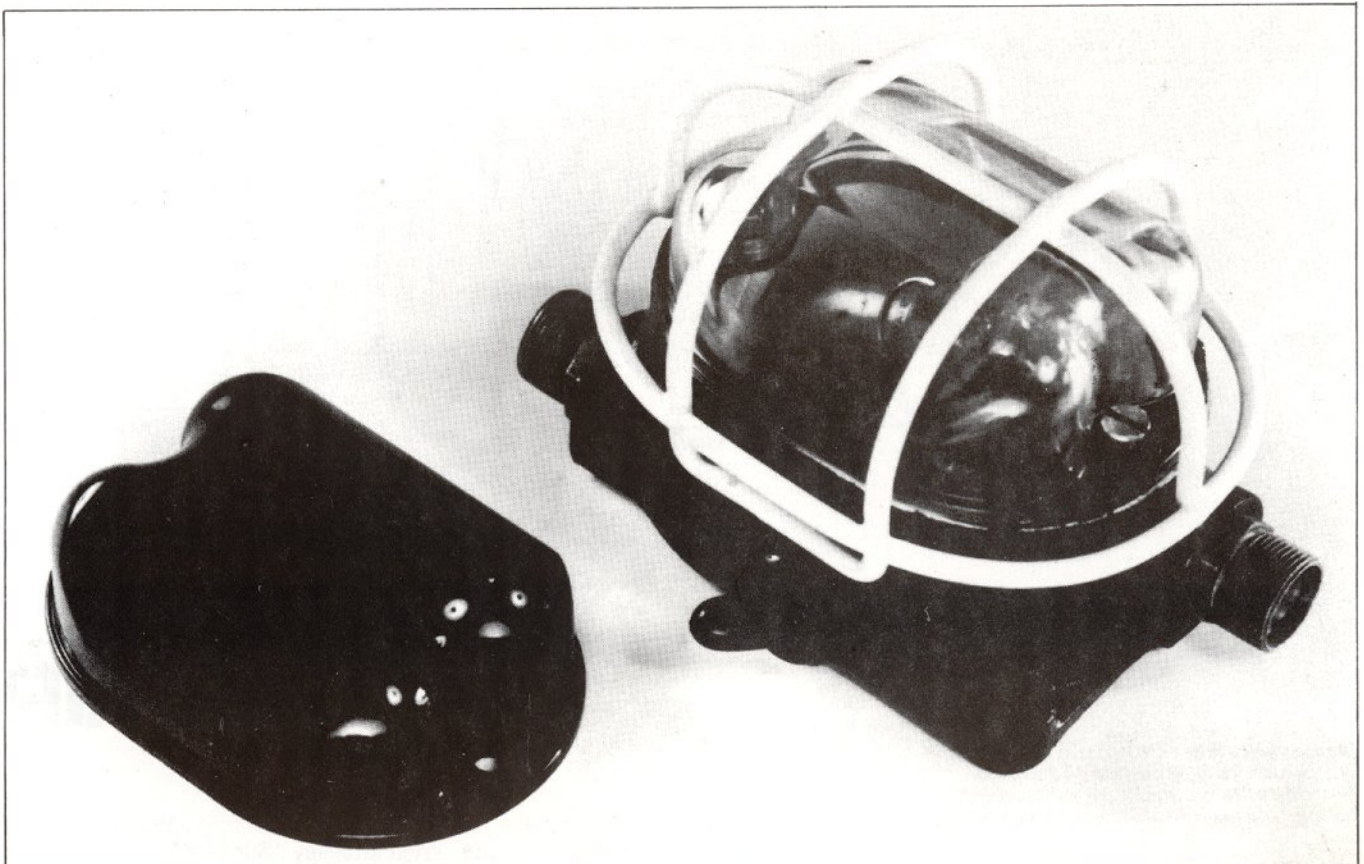
Electrical connection is made through gland seals to a terminal block, which provides means of 'looping' to other fittings.

Testing

Testing is in accordance with MVEE specification 2051.

Re-lamping and Servicing

Re-lamping can be carried out by unskilled personnel by removing the guard (if fitted) and unscrewing the screws at either end of the polycarbonate dome.

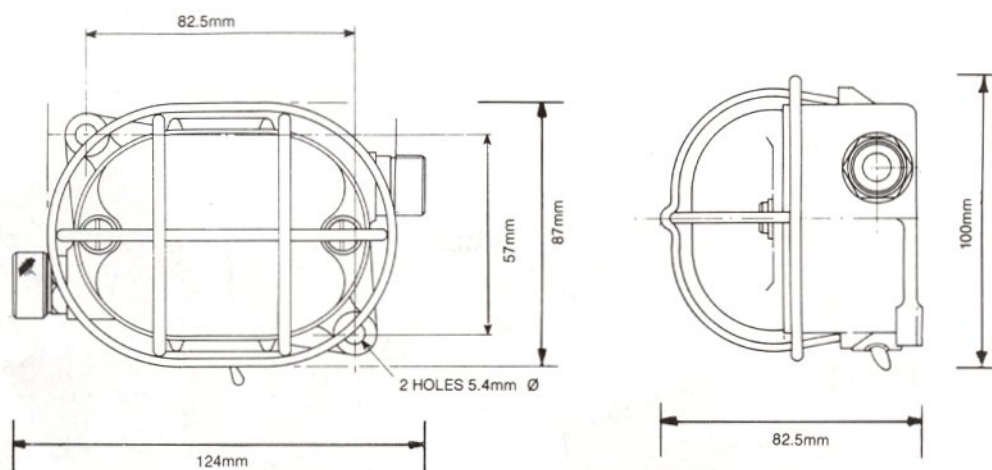


Technical Details

Length	Over gland adaptors 124mm; less adaptors 96mm
Width	With guard 87mm; without guard 79mm
Height	With guard 82.5mm; without guard 72.5mm
Weight	0.6kg
Lamp	24V — Type SCC (BA 15s/17); 240V — Type SBC (BA 15d)
Operating Temperature	-40°C to 60°C
Supply Voltage	(see table)

Variations Available

Type	Voltage	Maximum Wattage	Drawing No.	NATO Stock No.
White Bulb				
Clear Dome	24V	18W	FV 564822	
Clear Dome	240V	10W	B 14693	
Clear Dome (switched)	12V	6W	B 14691	
Clear Dome (switched)	24V	18W	FV 603967	6230-99-804-5104
Clear Dome (switched, one gland)	24V	18W	B 14339	
Blue Dome				
Blue Dome	12V	6W	B 14692	
Blue Dome	24V	6W	FV 603998	6210-99-111-5049
Blue Dome	240V	10W	FV 959042	6210-99-775-1360
Blue Dome (switched, one gland)	240V	10W	B 14519	6210-99-760-1702
Blue Dome (one gland)	24V	6W	B 14983	
Blue Dome (switched, one gland)	24V	6W	B 14984	
Red Dome				
Red Dome	24V	6W	B 14934	
Red Dome	240V	10W	B 14979	
Red Bulb				
Clear Dome	24V	9W	B14610	



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