



## 6915 Bulkhead Light – High Lux Prototype

Ruggedised LED lighting for reliable use in harsh military applications

### Specification:

Input Voltage: 28V to Def Stan 61-5 Part 6

Current Limited: Approx. 600mA

Operating Temperature Range: -30 to +55°C

Storage Temperature Range: -50 to +71°C

Dimensions: Diameter 112 mm x depth 57mm

Mass: Less than 500g

Operating Environment: Def Stan 00-35 (Tracked Vehicles)

EMC: Def Stan 59-41

The LED Bulkhead Light 6915 series is designed to provide general purpose illumination within Fighting Vehicles. A prototype version has been developed based upon the standard 6915 series which provides significantly higher lux levels.

The unit contains multiple LED clusters utilising TIR lenses that emit red, green or white light, output colour is selected by applying power to the appropriate pin on the unit connector.

The LED Bulkhead Light has identical connectors and mounting footprint to that of a standard in-service filament bulb Dome Light and can therefore be used as a direct 'drop in' replacement.

### Features:

- Provides approximately 500 Lux (white) Illumination over a footprint 500mm diameter at a distance of 1500mm
- 'Drop in' replacement for standard in-service filament bulb dome light units
- Consumes less than 20% power of a standard in-service filament bulb dome light unit
- Optional white, red or green light
- Optional on/off switch and dimming control for red, white or both
- NVG compatible version available
- Reverse polarity and surge protection incorporated in electronic design