

LED SHELTER LIGHT

Product Information



IP 68

LED

CE

WEEE

Key Features:

Electrical

- **110/230Vac, 50/60Hz**
- **20 Watt - white primary lights lit at full power**
- **40 Watt maximum - all LED's lit, and charging at full rate**
- **External power supply (supplied) 24Vdc**
- **Battery pack NiMH Life 3 years**
- **MTBF 50,000hrs**

Light output

- **White:1200lm (dims to 0lm)**
- **CRI :<85**
- **Blue: 30lm**
- **Red: 30lm**
- **Emergency: 60lm**

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Overview

The LED Shelter Light is a white primary light using 15 high brightness LEDs. A key feature is its dimming capability to zero in a 64 step sequence over 7 seconds using up/down switches

It also features a non-volatile memory which remembers the last setting when the mains supply is interrupted (50,000 write repetitions) and the memory will latch within 5-10 seconds after the last intensity change

Blackout modes are featured in red and blue; emergency mode consists of white LEDs and is supported by a battery back-up of 2 hours. The emergency light is activated by an automatic supply sensor which comes into effect on input power failure

A separate enclosure houses the battery pack and control switches; the light fitting is factory sealed to IP68 – no user serviceable parts

The LED Shelter Light also offers a daisy chain option

Key Features:

Environmental

- **Operating temperature: -40 to +71C (Heat sink must be in free air)**
- **Storage temperature: -40 to +71C**
- **Sealing: IP68**
- **Shock/vibration: Land class B**
- **EMC: Def Stan 59/41 Land class B**

Materials

- **Heat-sink/substrate: Extruded aluminium**
- **End caps: Cast aluminium**
- **Diffuser: Polycarbonate**

Installation:

For performance to the specification provided the LED Shelter Light must be mounted by it's strap slots in free air with adequate ventilation. Alternatively, it can be bolted to a larger structure such as shelter ceiling which is capable of absorbing heat generated by the unit