

LED SHELTER LIGHT



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.

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

Light output

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

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



MTBF

- 50,000 Hours

Installation

For performance to the specification provided the LED Shelter Light must be mounted by its 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.

Dimensions

- 92mm X 100mm X 750mm

