

LED SHELTER LIGHT



The LED Shelter Light is white primary lighting using 15 high brightness LED's with continuous dimming to zero in 64 steps over 7 seconds using up/down switches on primary white light.

The non-volatile memory remembers last setting when mains supply is interrupted (50,000 write repetitions) and memory will latch 5-10 seconds after last intensity change

It has blue and red blackout modes; emergency mode is white LED's with battery back-up support for 2 hours with an automatic supply sensing to turn on emergency light on input power failure

The LED Shelter Light has a daisy chain option

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

Electrical

- 10/230Vac, 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
- End caps: Cast aluminium
- Diffuser: Polycarbonate
- Paint: Epoxy polyester powder coat - colour green



MTBF

- 50,000 Hours

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.

Dimensions

- 92mm X 100mm X 750mm

