

## Emergency Light with Battery Bank Single Pole (Model No: - LPELG)

### Specifications



#### Generic

Minimum Operating Time (In Hours)	8 Hours
Charging time	6 Hours
Portable Emergency Lighting System comprising Rechargeable Battery Bank, Charging Unit with Charging Cables, Collapsible Mast Tower, LED Luminaire, Supporting Accessories	Accessories: - Shoulder Strap, User Manual, Charger
Number of LEDs	13 Nos for Turbo/Wide/Narrow Mode 27 Nos for Emergency Signal Mode
Product Dimensions	505 X 267 X 170 mm (+/- 10mm)
Digital Display Dimension	30mm +/- 5mm inch display to show Battery Status & Run Time
Power	25W
Modes	<ol style="list-style-type: none"> <li>1. Turbo Mode (All 13 LEDs will Glow)</li> <li>2. Wide Mode (Outer 8 LEDs will Glow)</li> <li>3. Narrow Mode (Inner/Middle 5 LEDs will Glow)</li> <li>4. Emergency Signal Mode (Red &amp; Blue LEDs Blink alternatively)</li> <li>5. Emergency Signal Mode (Red LEDs Blink)</li> <li>6. Emergency Signal Mode (Yellow LEDs Blink)</li> </ol>
Features	Should have Brightness level adjustment at Turbo/Wide/Narrow Mode

#### Battery Construction

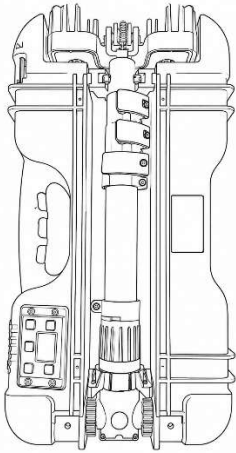
Battery Type	Rechargeable
Battery Chemistry	Lithium Ion
Battery Nominal Voltage	24V DC
Minimum Battery Capacity (in Ah)	13 Ah
Number of Batteries in Battery Bank	1
Charger	Battery Bank with Separate Charger, Input 220V, 50Hz
Additional Vehicle Battery Charging Kit with Cables (Mobile Charging Option) Provided	Yes
Standard Warranty of Battery	1 Year

#### Tower Construction

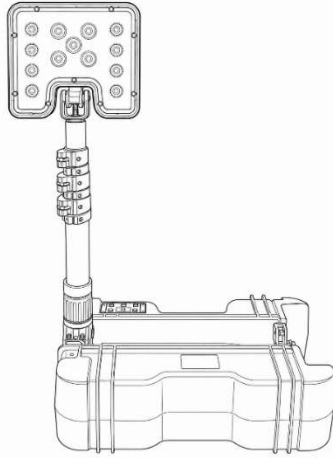
Material of Mast	Aluminium
Minimum Height of Collapsible Mast with Light Source (Measured from Ground Level)	1570mm +/- 30mm (or 157 cm or 1.57 mtr or 5.15 feet)
Mast Lifting and Lowering Mechanism	Manual

Mast Rising and Lowering Time	</= 2 Minutes
<b>LED Luminaire Construction</b>	
LED Luminaire Compliance to IS:10322 (Part 5/ Section 5) and IS:16107 (Part 2/Sec 1)	Yes
Photo Biological Safety of LEDs as per IS:16108 (Exempt Group) or Equivalent	Yes
LED Modules Compliance as per IS:16103 (Part 2)	Yes
Minimum System Light Output (in Lumens)	2500
Luminaire System Efficacy (in Lumen/Watt)	>/= 100 watt
LED Chip Efficacy	>/= 130 watt
LED Working Life (hours)	>/= 50000 burning hours
Color Temperature (CCT)	6000 +/- 500K
Color Rendering Index (CRI)	>/= 70
Optical Lens Material (UV Stabilized)	Poly carbonate lense
Luminaire Housing: Single-Piece Pressure Die-Cast Aluminium Alloy with High Thermal Conductivity	Yes
Luminaire Body with Corrosion-Resistant Powder Coating	Yes
Fasteners Made of Stainless Steel	Yes
Extruded Silicone Loop Gasket for Weatherproof Seal Between Cover and Housing	Yes
Toughened Glass/Polycarbonate Cover Resistant to Discoloration, Heat, and Aging Within Warranty Period	Yes
Die Cast Aluminium Heat Sink with Fins for Effective Heat Dissipation	Yes
Ingress Protection of Entire Luminaire Housing (LED and Driver Sections)	IP65
Operating Temperature Range	-10 deg C to +50 deg C
Manufacturer Name and Brand on Aluminium Die-Cast Body	Engraved/Embossed
Date of Manufacture (Month-Year) and Lot Number on Each Unit and Packaging	Yes
Ingress Protection Rating of Luminaire	IP65
Total Weight of Complete System	</=10 Kg

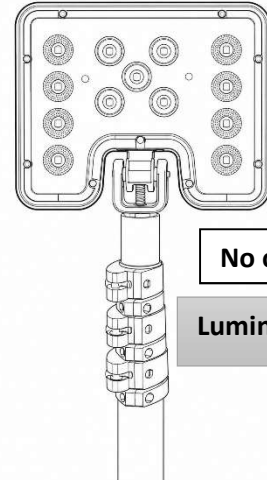
# Product Line Drawing



**Product (Closed Position)**

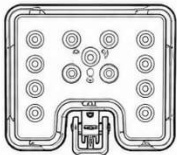


**Product (Open Position)**



**No of LEDs: - 13 Nos**

**Luminaire Front Image**

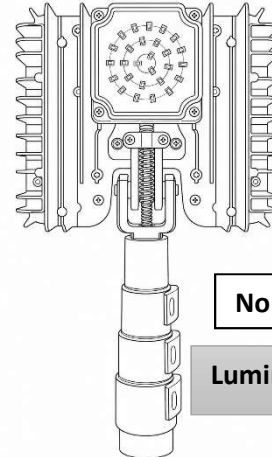


**Image with Full Height Extension**

**1570 mm**



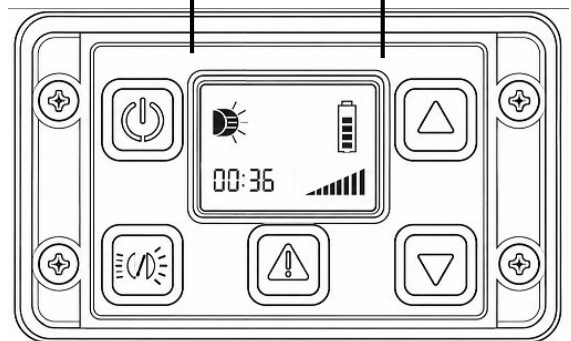
**505 mm**



**No of LEDs: - 27 Nos**

**Luminaire Rear Image**

**30 mm**



**Digital Display**