



Solar-Rechargeable Compact LED Lantern

SLR-LANTERN-08-1W



5800K Pure White — 108° x 360° Wide Beam Illumination — Switched Brightness — Weatherproof

3-Position Adjustable Handle — Up to 16 Hours of Constant Light — Mobile Phone Charging

FEATURES

- **Lantern Warranty:** 3 Years, Excluding Life of the Battery
- **Wide Beam:** Clear Bright 108° Illumination with 360° Circular Pattern
- **Long Bulb Life:** White LED Lasts up to 50,000 Hours
- **Variable Brightness:** Low/High/Off Switch for 2-Level Brightness
- **Ease of Positioning:** Handle Adjusts to 0, 45 and 90 Degree Angles / Hang, Stand or Lay Flat
- **Weatherproof:** Moisture-Resistant
- **Long Operation:** Up to 16 Hours on Low / 6 Hours on High
- **Power Indicator Light:** Green LED Brightness Changes with Power Level
- **Choice of Power Source:** Accepts 5.5mm Coaxial Plug for Charging with Either Solar Panel or AC Adapter
- **Sturdy:** Resistant to High Shock and High Vibration
- **Wide Temp. Range:** Operates in Environments between -30°C to +50°C
- **USB Mobile Phone Charger**



BENEFITS

- **Cool to Use:** LEDs Generate Only Negligible Heat
- **No Electricity or Batteries:** Powered Whenever There Is Sun
- **Portable:** Compact, Lightweight
- **Easy to Use & Recharge**
- **Rugged:** Won't Scratch, Dent or Rust
- **Environment-Friendly:** No Mercury Content, No Lead
- **Even Lighting:** High Intensity / No Halation

APPLICATIONS

- **General Task Light / Hand Spotlighting**
- **Nature Enthusiasts:** Campers / Hunters / Hikers
- **Cabin Lighting:** Boats & Recreational Vehicles
- **Disasters:** Earthquake/ Hurricane Emergency Kits
- **Emergency:** Vehicle Roadside Emergency Lighting
- **Rolling Blackouts:** Power Outage Home Backup Lighting



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	SLR-LANTERN-08-1W
Light-On Time	Low Brightness: 16 Hrs / High: 6 Hours
Battery Life	1,000 Charge / Discharge Cycles (Min.)
Battery Type	NiMH, 6 Volt, 1.2 Ah, Rechargeable
Charging Time	8 Hours in Sunlight (From Fully Drained)
Charge Method	2-Watt Solar Panel
Ambient Operating Temp.	~-22°F to ~+122°F (~-30°C to ~+50°C)
Dimensions (Handle upright)	H5.59xW4.75 in [H142.1xW120.6mm]
Weight	11 oz / 311.8 g

POWER (Max)	2.0 Watts
Power Point Voltage (Max)	7.10V
Short Circuit Current	0.41A
Open Circuit Voltage	10.50V
Power Point Current (Max)	0.35A
Dimensions	4.64x10.16x0.55 in [118x258x14mm]
Weight	0.956 lb / 15.30 oz / 433.75 g

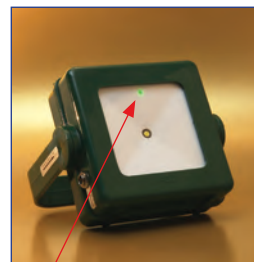
INITIAL CHARGING MAY BE REQUIRED.



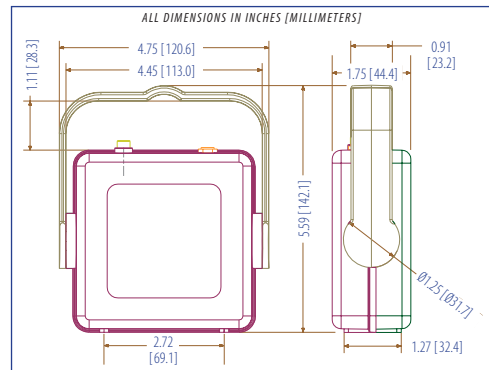
USB port in the back of the solar panel offers mobile phone charging connection



Handle adjusts to 0, 45 and 90 degree angles / Hang, stand, recline or lay flat



Green LED power indicator light brightness changes with available power level



PACKING LIST

- Rechargeable Lantern
- 2-Watt Solar Panel

POWER LEVEL	BATTERY VOLTAGE	LED FORWARD VOLTAGE	LED FORWARD CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	COLOR TEMP.	EMITTED COLOR	VIEWING ANGLE (Full Beam Width @ 50% Intensity)
LOW	6VDC / 1.2Ah	2.9Vf	66.5mA	0.192 Watts	99 lm/W	19.0 lm	7.8 cd	5800K	Pure White	108°
HIGH	6VDC / 1.2Ah	3.24Vf	300mA	0.972 Watts	75 lm/W	72.7 lm	30.4 cd	5800K	Pure White	108°

LEDTRONICS®
Creating the Future of Light Since 1983™

© 2012 LEDtronics, Inc.



23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com

www.LEDtronics.com

LOG # 363 / Rev 11-2012

Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

Luminaire Photometric Report

Filename: SLR-LANTERN-08-1W
 Manufacturer: LEDTRONICS
 Luminaire: CLEAR LENS, 6VDC BATTERY
 Luminaire Cat: SLR-LANTERN-08-1W (HIGH POWER)
 Lamp: LUMEN RATING: 72.7Lms
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 72.7
 Max Candela: 30.4 at Horizontal: 0°, Vertical: 1°
 Luminous Opening: Point
 Test: 3-28-11

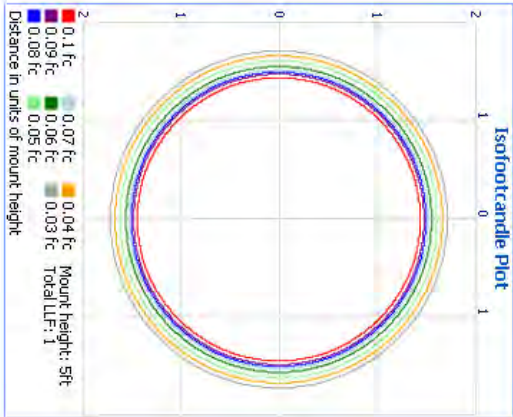
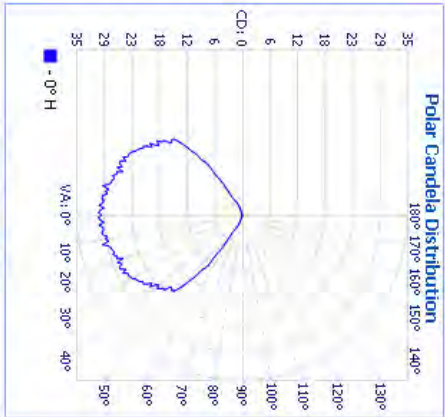
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	23.6	32.5%	32.5%
0-40	39.3	54.1%	54%
0-60	68.0	93.6%	93.6%
60-90	4.7	6.4%	6.4%
70-100	1.4	1.9%	1.9%
90-120	0.0	0%	0%
0-90	72.7	100%	100%
90-180	0.0	0%	0%
0-180	72.7	100%	100%

Illuminance at a Distance

Center Beam: Fc	Beam Width
0.8ft	42.85 fC
1.7ft	10.71 fC
2.5ft	4.76 fC
3.3ft	2.68 fC
4.2ft	1.71 fC
5.0ft	1.19 fC

Vert. Spread: 107.5° Horiz. Spread: 107.5°



HIGH POWER

Luminaire Photometric Report

Filename: SLR-LANTERN-08-1W
 Manufacturer: LEDTRONICS
 Luminaire: CLEAR LENS, 6VDC BATTERY
 Luminaire Cat: SLR-LANTERN-08-1W (LOW POWER)
 Lamp: LUMEN RATING: 19.0Lms
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 19
 Max Candela: 7.8 at Horizontal: 0°, Vertical: 4°
 Luminous Opening: Point
 Test: 3-28-11

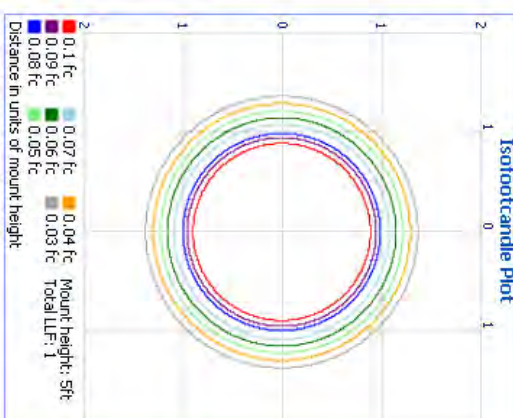
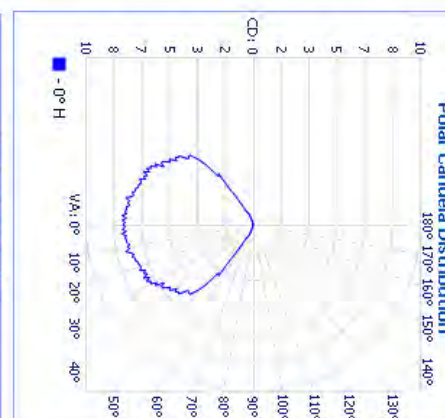
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	6.1	32.2%	32.2%
0-40	10.2	53.5%	53.6%
0-60	17.6	92.9%	92.9%
60-90	1.3	7.1%	7.1%
70-100	0.4	2.3%	2.3%
90-120	0.0	0%	0%
0-90	19.0	100%	100%
90-180	0.0	0%	0%
0-180	19.0	100%	100%

Illuminance at a Distance

Center Beam: Fc	Beam Width
0.8ft	11.17 fC
1.7ft	2.79 fC
2.5ft	1.24 fC
3.3ft	0.70 fC
4.2ft	0.45 fC
5.0ft	0.31 fC

Beam Spread: 108.0°



LOW POWER

OPTIONAL ACCESSORY

- Holder with Shoulder Strap

POUCH-LANTERN-08-001
 W14.2 X H14.8 X D46 mm



LOW BRIGHTNESS



HIGH BRIGHTNESS

White LED technology
 is patent protected in the U.S.
 LEDtronics white LED products are covered
 under these patents.