

# Litepanels Sola ENG™ LED Fresnel

**The world's first on/off camera single source LED Fresnel that's ideally suited for today's cutting edge broadcast work**

The revolutionary daylight-balanced Sola ENG™ provides the controllability and light shaping properties of a Fresnel light, but utilizes just a fraction of the power of conventional fixtures. It operates from battery via included D-Tap cable or AC power with the included AC/DC Power Supply. Like the rest of the Sola series, Sola ENG provides Litepanels' famous projected soft light quality.

## ADVANTAGES

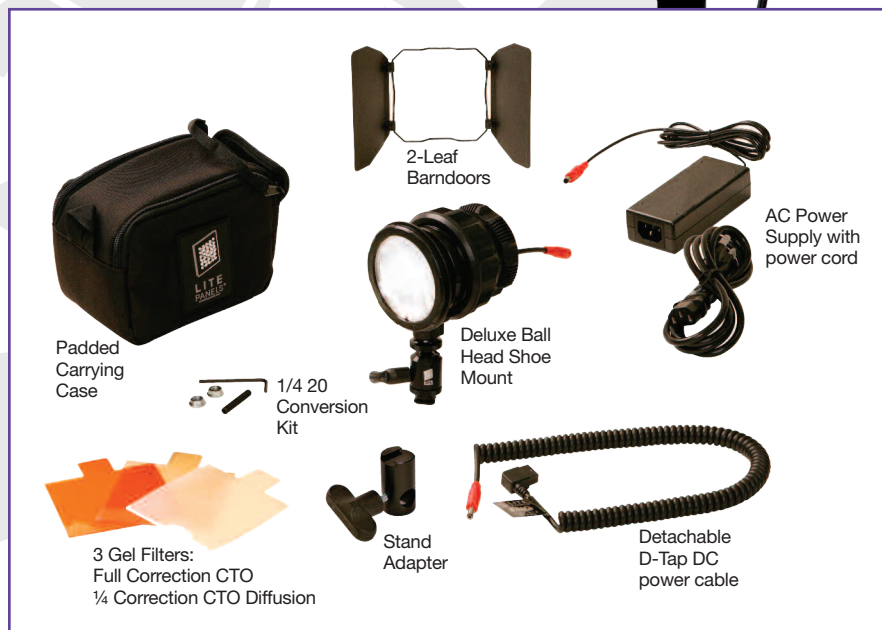
- A true Fresnel fixture that produces a single source, single shadow light for soft, directional illumination
- Litepanels proprietary heat free LED technology
- High quality 3" Fresnel lens
- Designed for on-camera, handheld or stand mounting
- Energy savings and extended 50,000 hour LED life
- Daylight color temperature with no external ballast or restrike period required
- AC/DC power with DC power via included D-Tap cable
- Output is fully flicker free, and remains constant
- 100% to 0 dimming with no noticeable color shift
- Focus control from 50° to 15° beam via on-fixture dial
- Robust lightweight housing allowing usage of included 2-leaf barndoors
- The Sola ENG has been tested & approved for use using the Anton Bauer Dionic HC battery with included D-Tap cable



**US-Version: 906-1002**  
**EU-Version: 906-1102**

## APPLICATIONS

- ENG
- Location Lighting
- Event Lighting
- Chroma Key



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## SOLA ENG SPECIFICATIONS

**Size** 4 x 4 x 5" / 102 x 102 x 127mm

**Weight** 10 oz / 0.28kg

**Fresnel Lens** 3 inch / 10.16cm

**Power** 30W / equiv. to 100W HMI

**Power Requirement** 10-20VDC

**Power Supply** AC/DC 120-240VAC

DC power option available via included 2-Pin D-Tap cable

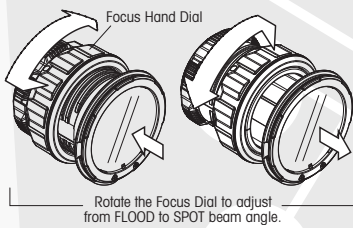
## OPTIONAL ACCESSORIES

- 900-0009 Base Plate Only with Screw
- 900-1024 1/4-20 Baby Pin Adapter

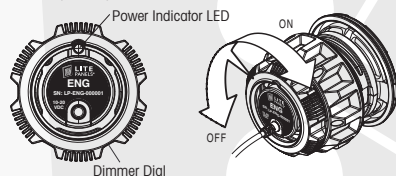
## SOLA ENG PHOTOMETRICS DATA

Distance	2 ft [0.61m]	4 ft [1.22m]	6 ft [1.83m]	8 ft [2.44m]	10 ft [3.05m]	12 ft [3.66m]
BEAM ANGLE (50% of center value) = 15.2°						
<b>SPOT</b> BEAM ANGLE						
Beam Diameter	0.53 ft [0.163m]	1.07 ft [0.325m]	1.60 ft [0.488m]	2.13 ft [0.651m]	2.67 ft [0.813m]	3.20 ft [0.976m]
Foot-candles [Lux]	1450.5 fc [15613 Lux]	362.6 fc [3903 Lux]	161.2 fc [1735 Lux]	90.7 fc [976 Lux]	58.0 fc [625 Lux]	40.3 fc [434 Lux]
Field Diameter	0.91 ft [0.277m]	1.82 ft [0.554m]	2.73 ft [0.831m]	3.64 ft [1.108m]	4.54 ft [1.385m]	5.45 ft [1.662m]
CENTER BEAM VALUE = 5802 candlepower			FIELD ANGLE (10% of center value) = 25.6°			
BEAM ANGLE (50% of center value) = 49.7°						
<b>FLOOD</b> BEAM ANGLE						
Beam Diameter	1.85 ft [0.565m]	3.70 ft [1.129m]	5.56 ft [1.694m]	7.41 ft [2.259m]	9.26 ft [2.823m]	11.11 ft [3.388m]
Foot-candles [Lux]	308.0 fc [3315 Lux]	77.0 fc [829 Lux]	34.2 fc [368 Lux]	19.3 fc [207 Lux]	12.3 fc [133 Lux]	8.6 fc [92 Lux]
Field Diameter	2.27 ft [0.693m]	4.54 ft [1.385m]	6.82 ft [2.078m]	9.09 ft [2.770m]	11.36 ft [3.463m]	13.63 ft [4.156m]

### FOCUS CONTROL



### DIMMER OPERATION



## The Litepanels Difference

Full spectrum quality controlled light with visually accurate color temperature  
 Smooth dimming 100%-0 with no color shift or color abnormalities  
 Flicker free at any shutter angle/frame rate  
 Soft light with no "picket fence" shadows  
 Cool to the touch operation with extended life through controlled thermal dynamics  
 Controlled current management extends fixture life to 50,000+ hr. bulb life  
 Efficient power management providing low power consumption and high reliability  
 Developed and assembled in Los Angeles CA

Litepanels was founded in 2001 by 5 professional gaffers and engineers who saw the future and pioneered LED lighting for motion pictures and television. Their Emmy® award-winning technology has now been used on thousands of productions worldwide. Backed by the Vitec Group's legacy of 100+ years in the broadcast and

production industry, Litepanels continues to expand its suite of flicker free, color accurate, soft light that talent and Lighting Directors admire. These environmentally friendly fixtures practically pay for themselves with power savings and long life, setting a new standard in professional lighting.