

# Litepanels SOLA 6+™

## The Performance of a Traditional Fresnel, with All the Benefits of LED Technology

The Sola 6+ Daylight balanced LED Fresnel is now brighter than ever. With a 50% increase the Sola 6+ is rated among the highest in its class with its increased performance. The custom 6" Fresnel lens emits an even, collimated light source that can be cut and shaped just like a traditional Fresnel.

The powerful output of the Sola 6+ is ideal for a variety of applications and this light gets in a variety of locations with the ability to run on mobile power such as Anton/Bauer 14.4V professional camera batteries.

## Cost Effective Features Deliver Strong ROI

These energy efficient fixtures draw a mere 104 watts of electricity and generate only a small amount of heat, allowing for greatly reduced HVAC costs. An integrated DMX module offers unprecedented control by allowing not only remote dimming, which eliminates the need for expensive dimmers and a climate controlled dimmer room, but also remote focus control. The proprietary DMX module works with readily available and affordable RJ45 Ethernet connections via any standard DMX512 protocol device.

## Industry Leading Collection of LED Fresnel Offers Complete Solution

In addition to the Sola 6+, the daylight balanced Sola Series includes the Sola 12, Sola 9, and Sola 4+. The Inca Series, a complete line of tungsten balanced LED Fresnels, is also available.

## Advantages

With no external ballast and only a short restrike period needed, they're as perfect for the rapid pace of episodic television and motion picture productions as they are for the broadcast studio.

- Custom 6"/15.24 cm Fresnel lens produces full spectrum, directional illumination
- Proprietary DMX module allows for both remote dimming and focusing
- AC/DC power with DC power via 3-pin XLR - Versatility in and out of the studio
- Ultra-smooth dimming from 100% to 0, with no color shift throughout the entire range.
- Flicker-free at any frame rate or shutter angle
- Robust, lightweight composite housing
- Standard Yoke with unique Jr pin/Baby pin combination Pin enable easy mounting and positioning
- Incredibly energy efficient, these fixture draw only 104 W and its 50% brighter than previous model
- Energy savings and bulb life provide a <3 year ROI in typical studio applications
- Focus control from 16° to 67° beam via on-fixture dial or DMX



## Specifications

- **Color Temperature:** Daylight
- **Beam Angle:** 16° to 67°
- **Fresnel Lens:** 6 in / 15.24 cm
- **CRI/TLCI:** 95
- **50% brighter than previous model**
- **Size:** 11 x 10 x 15 in / 28 x 25 x 38 cm
- **Weight:** 9.10 lbs / 4.13 kg
- **Max Power Draw:** 104 W
- **Power Supply:** 14 - 28 VDC / 100 - 240 VAC DC power via 3 pin XLR
- **DMX:** Included DMX512 protocol via RJ45
- **Includes:** 8-way barn doors, yoke with junior/baby pin adapter, power supply, US and EU power cord

## Optional Accessories

### Light Shaping

- 5-piece CTO Gel/Filter Set w/ Carrying Bag (900-6201)
- Softbox and Speed Ring (Available through Chimera)
  - Speed Ring (9130)
  - Low Heat Video Pro Light Bank-XS (8124LH)

### Mobile Power

- QRC-LG Gold Mount with Stand Clamp (8375-0176)
- QRC-LG V-Mount with Stand Clamp (Coming Soon)
  - P-Tap to 3-pin XLR cable (900-0024)
  - PowerTap Extension (8075-0010)

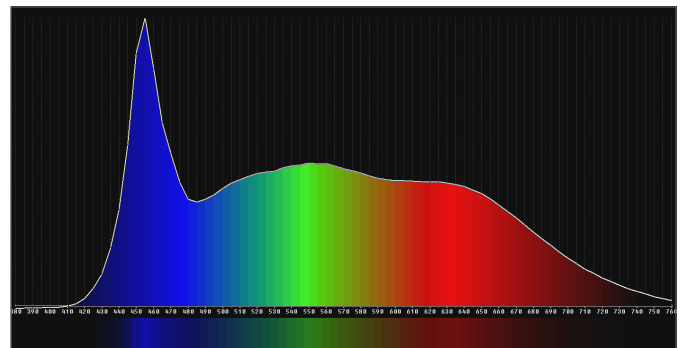
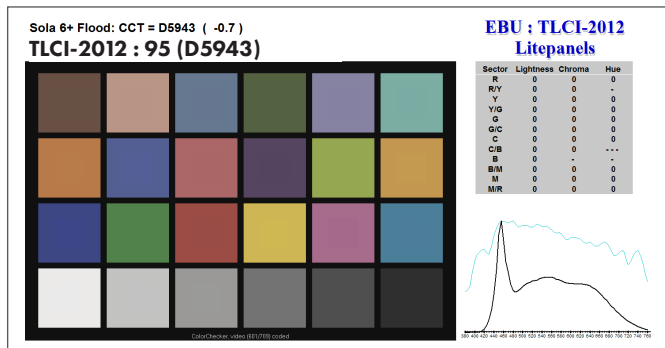
### Additional Accessories

- RJ45 to 5-pin XLR Conversion Cable (900-0006)
- Pole Assisted Yoke (900-6203)
- Fixture cover (900-6222)

## Photometrics data

Distance	3.2 ft (1 m)	5 ft (1.5 m)	10 ft (3.0 m)	15 ft (4.6 m)	19.6 ft (6.0 m)	
BEAM ANGLE (50% of center value)=15.6°						
<p><b>SPOT</b> BEAM ANGLE 16°</p>	Beam Diameter	0.3 ft (0.1 m)	1.4 ft (0.4 m)	2.7 ft (0.8 m)	4.1 ft (1.3 m)	5.4 ft (1.6 m)
	Footcandles Lux	60893 fc 655447 lx	2436 fc 26218 lx	609 fc 6554 lx	271 fc 2913 lx	159 fc 1706 lx
	Field Diameter	0.4 ft (0.1 m)	2.1 ft (0.6 m)	4.2 ft (1.3 m)	6.3 ft (1.9 m)	8.3 ft (2.5 m)
BEAM ANGLE (50% of center value)=67.4°						
<p><b>FLOOD</b> BEAM ANGLE 67°</p>	Beam Diameter	1.3 ft (0.4 m)	6.7 ft (2.0 m)	13.3 ft (4.1 m)	20 ft (6.1 m)	26.1 ft (8 m)
	Footcandles (Lux)	5859 fc 63066 lx	234 fc 2523 lx	59 fc 631 lx	26 fc 280 lx	15 fc 164 lx
	Field Diameter	1.7 ft (0.5 m)	8.7 ft (2.6 m)	17.3 ft (5.3 m)	25.9 ft (7.9 m)	33.9 ft (10.3 m)

## Official EBU Television Lighting Consistency Index Report (TLCI)



## 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.