

Litepanels Sola 12™ Preliminary Specifications

The performance of a large Fresnel — with the advantages of LED technology

The Sola 12 LED Fresnel fixture offers a powerful output of daylight balanced illumination approaching that of a traditional 2K incandescent Fresnel, but with all the energy efficiencies and cost saving benefits of Litepanels LED technology. A 12" true Fresnel lens that emits an even collimated light source that can be focused and controlled for maximum flexibility.

Powerful, full spectrum output

The high quality, full spectrum light produced by Litepanels' custom built LEDs is visually accurate and powerful. The LEDs in the Sola 12 are optimized for lighting talent, but that doesn't limit its application. The high output allows it to be used in full daylight exterior or interior situations to balance natural light or it can serve as artificial sunlight source coming through a window in a stage or location setting.

Broadcast and studio applications

The Sola 12 is equally at home in broadcast studios where its relative output to a 2K fixture allows for a one-to-one replacement without changing the existing lighting plot. Its low power draw (six Sola 12s can share a single 20 amp circuit) and reduced air conditioning needs from running cool can create incredible and immediate savings. Additionally, the integrated DMX module in each fixture provides unprecedented control by allowing simultaneous remote dimming and focusing. This Litepanels proprietary feature uses the DMX512 protocol and affordable RJ45 (Ethernet) connectors and cables that eliminate the need for expensive dimmers and a climate controlled dimmer room.

The most extensive range of LED Fresnels

In addition to the new Sola 12, the full Sola Series of LED Fresnels includes the Sola 6 (6" lens), Sola 4 (4" lens) and the Sola ENG (3" lens).

ADVANTAGES

- A fixed lens Fresnel fixture that produces full spectrum directional illumination
- Daylight color temperature with no external ballast or restrike period required
- High quality 12" true Fresnel lens with focus control from 50° to 15° beam angle via on-fixture dial or DMX
- Even illumination across a collimated beam of light
- Integrated DMX module with RJ45 (Ethernet) connectors for remote dimming and focus control using DMX512 protocol
- 100% to 0 dimming with no noticeable color shift or flicker at any frame rate or shutter angle
- Litepanels *Cool to the Touch*™ LED technology for glove-free operation
- 350W draw with light output approaching a 2K incandescent tungsten Fresnel
- Energy savings and extended LED life provide a <3 year ROI in typical studio situations
- Robust lightweight composite housing with standard yoke for easy mounting and positioning
- Perfect companion for Litepanels daylight balanced panel fixtures and the rest of the Sola Fresnel lineup



Litepanels Sola 12™

APPLICATIONS

- Broadcast Studios
- Location Lighting
- Event Lighting
- Still Photography
- Chroma Key

SOLA 12 PRELIMINARY SPECIFICATIONS

Color Temperature Daylight balanced

Beam Angle 50° to 15°

Fresnel Lens 12" / 30.48cm

Size 10.1 x 11.1 x 15.1" / 25.7 x 28.1 x 38.5cm

Weight 35 lbs. / 15.88kg

Maximum Power Draw 350W

Power Supply 100-240VAC

Includes 8-way barn doors, yoke with junior pin adapter, power supply

OPTIONAL ACCESSORIES

- 5-piece CTO Gel Set w/ Carrying Bag
- RJ45 to 5-pin XLR Conversion Cable



The Litepanels Difference

Full spectrum quality soft light with visually accurate color temperature

The widest variety of LED fixtures and flexible AC or DC power options

Smooth dimming from 100% to 0 with no color shift

Flicker-free performance at any frame rate or shutter angle

Cool to the Touch™ operation with innovative thermal dynamics

Controlled current management for long LED life

Efficient power management for 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.