

# Litepanels Inca 12™ Preliminary Specifications

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

The Inca 12 LED Fresnel fixture offers a powerful output of tungsten 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 Inca 12 are optimized for lighting talent, but that doesn't limit its application. Its color temperature is designed to match existing Fresnel fixtures for side-by-side use.

## Broadcast and studio applications

The Inca 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 Inca 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 Inca 12, the full Inca Series of LED Fresnels includes the Inca 6 (6" lens) and Inca 4 (4" lens).

## ADVANTAGES

- A fixed lens Fresnel fixture that produces full spectrum directional illumination
- Tungsten 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 tungsten balanced panel fixtures and the rest of the Inca Fresnel lineup



# Litepanels Inca 12™

## APPLICATIONS

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

## INCA 12 PRELIMINARY SPECIFICATIONS

**Color Temperature** Tungsten 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.