

LED Panel 1x1 Bi-Color DMX 100W

Reference: LLP-1X1BICDMXDD



- Power: 100W
- Light output: 7400lx @ 1m
- Color temperature: 3000K-5700K | CRI 97 TLCI 98
- Size & weight: 41 x 37 x 7 cm | 2.5 kg
- Built-in DMX-512 controller for remote operation
- Premium quality 3mm LEDs in high density board
- Optional accessories: barndoors, softbox



Product description:

The newest generation of Cinelight LED 1'x1' bi-color panels features an increased density of LED bulbs, providing twice the amount of light output, comparing with previous generations. The technological enhancements also translate in new, high quality LEDs that meet the high standards of professional broadcast industry in terms of color rendering accuracy (CRI 96 | TLCI 95).

High density LED board for increased output

The **premium quality 3mm LED bulbs** arranged in a high density board enable the upgraded 1'x1' panel that features almost twice the amount of LED's than the previous generation. The standard size 30.5 x 30.5 cm housing

now holds 2304 LED bulbs (1152 LEDs in 3000K and 1152 LEDs in 5700K) that deliver the equivalent output of a 800W tungsten lamp at only 100W power consumption. The ultra efficient LED technology endows the 1x1 Bi-Color Panel with high CRI 96 Ra / TLCI 95 Qa output. The increased density of LED's help to reduce the undesirable layered shadow pattern, very often encountered when using standard multi-dot LED panels.

Intuitive and precise light adjustments

The color temperature of the LEDs displayed on the panel varies from **3000K** to **5700K** and the brightness level can be dialed from 100% to 0%. These adjustments can be made using the controlling board located on the back of the panel, so the user can customize the light intensity value or the color temperature from warm-tungsten to cold-daylight to adapt to different shooting environments.

The **built-in digital display** provides useful information like: color temperature and brightness values in small increments so you can easily match multiple similar LED panels in the same setup or precisely duplicate the previous scene.

Built-in industry standard DMX-512 controller

The LED Panel 1x1 features an built-in **DMX-512** controller, enabling remote operation of the unit from theater-style DMX console boards letting you remotely control the brightness and color temperature of the panel. The input and output connectors are XLR 5P type. The DMX addresses can be manually assigned using the touch buttons on the back of the panel. The assigned address is displayed on the three digit display. Switching from manual control to remote DMX control can be made using the dedicated switch.

Silent and heat free operation

The product is designed for quick and easy set up operation, remaining cool to the touch (which translates to safety and comfort). Runs on worldwide AC or can be powered from a V-Mount battery which allows for location shooting without generators or power cables. Absolutely silent and heat-free, the system can be positioned comfortably close to a subject's face, filling it with an unmatched quality of soft, wrap around light.

Modular housing design for multi-panel configurations

The LED 1'x1' Bi-Color can be mounted on a light stand or hanged using the dual mounting 5/8" spigot receiver. With optional mounting hardware, the modular housing enables 2' x 2' and 4' x 4' multi-panel configurations, making the units able to fit a wide range of shooting requirements.

Key Features:

- ultra-efficient LED technology with high CRI level 96 Ra / TLCI 95 Qa
- 3mm LED bulbs arranged in a high density layout
- flood led's (60 degree beam angle) equal wider effective beam spread
- bi-color function, variable color temperature from 3000K to 5700K
- dimming output from 100% to 0% with no color shifting

- built-in DMX512 function with XLR 5P IN / OUT ports for loop configuration
- built-in digital display that shows color temperature and brightness values
- robust, full metal housing
- V-Lock support for holding the power adapter on the back of the panel
- modular housing design for multi-panel configuration

Product features:

Rated power: 100 watts
Beam type: flood
LED type: Bi-Color
Voltage input: 15V
Color temperature: 3200K-5600K
CRI rating: 96
TLCI rating: 97
Beam angle: 60°
Photometrics : 1m: 7400 lx | 2m: 1950 lx | 3m: 900 lx
LED no: 2304
Dimming range: 100%-10%
Display type: Simple - Monochrome
Battery mount: V-Lock
Plug in connector type: XLR-4P - male
LED surface dimensions : 30 x 30 cm
Cooling system: Passive
Power source: External, AC 100-240V 50 / 60 HZ
Power connector type: CEE 7/7
Power cord total length: 5.0 m
Local functions control: Analog
DMX control: Yes
DMX connectors type: XLR-5P
WIFI control : No
Remote control : No
Yoke mount: Spigot 16mm receiver
Housing material: Metal
Housing color: Black
Lamp head weight: 2.4 kg
Lamp head dimensions: 41 x 37 x 7