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CL-100D | 100W Bi-color Studio SMD Panel LED Light

News



- > 1440pcs Surface mounted LEDs
- 2:1 size, 100W, 3300Lux @ 1meterHalf-peak 65° wide beam angle
- > 2700K-6500K continuously adjust

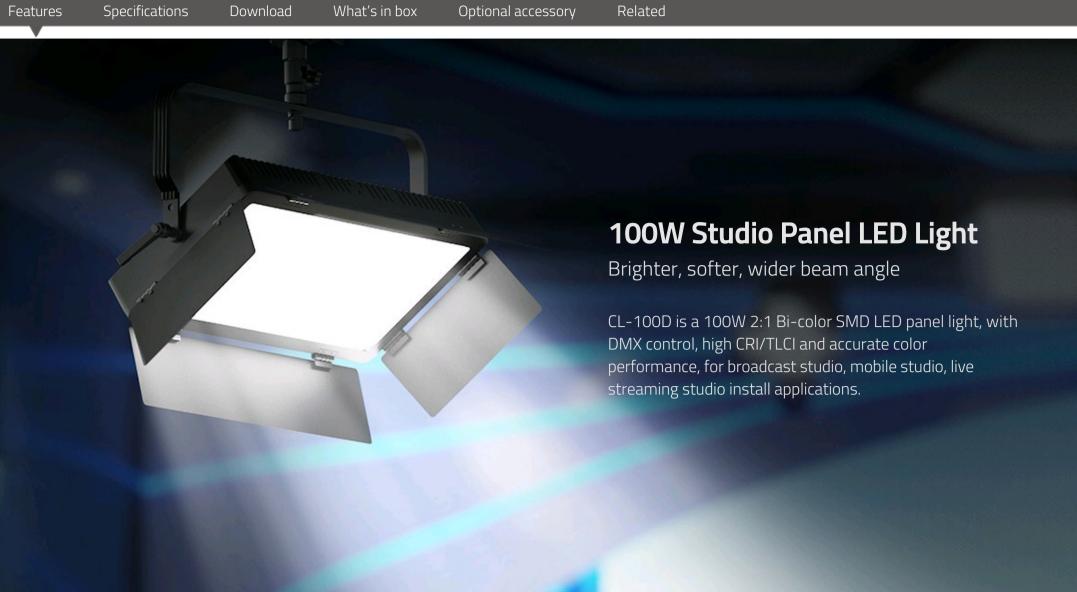
> 0-100% flick-free dimming

- > CRI Ra 97, TLCI 99, SSI (D55) 75> DMX512 controlled color and dimmer
- Dimmer/Color Temp independent DMX addr
 USB power out for wireless DMX receiver
- > LCD display color, dimmer and DMX addr
- > PowerCON TRUE1 AC in and loop out> 4-leaf metal barn doors and Yoke bracket

> Optional 40° honeycomb (LA-G100)

MSRP

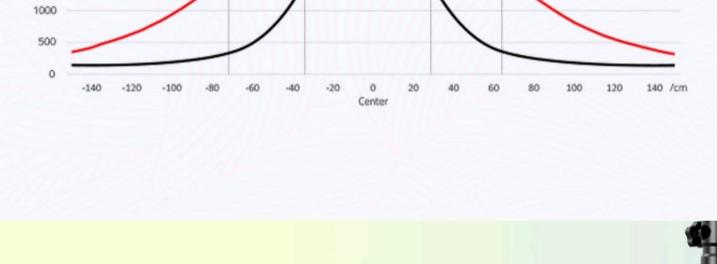
Ex TAX / Shipping





CL-100D SMD LED

100W DIP LED bulbs



50% illuminance

Beam angle testing at 1 meter

3500

3000

2500

2000

1500

50% illuminance

edge, instead of a glaring light spot that suddenly declined from center to edge.

DIP LED bulbs. It will generate an

Wider Beam Angle

The CL-100D SMD LEDs have wider beam angle comparing to the traditional

equally spread area light from center to

The wider angle equally spread light produces a nature light environment in studio.

6500K.

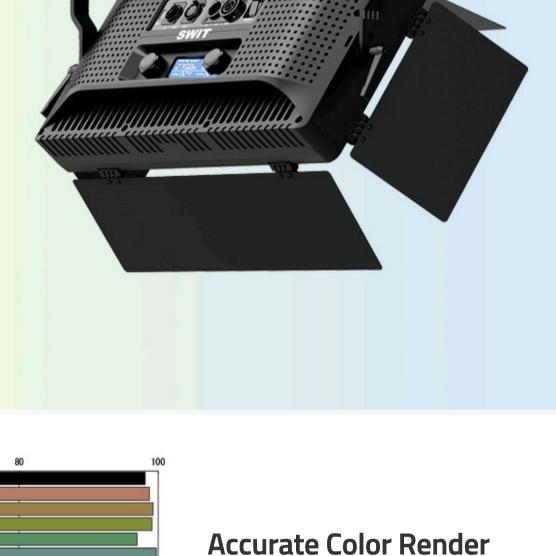
R15 100

R14

R13

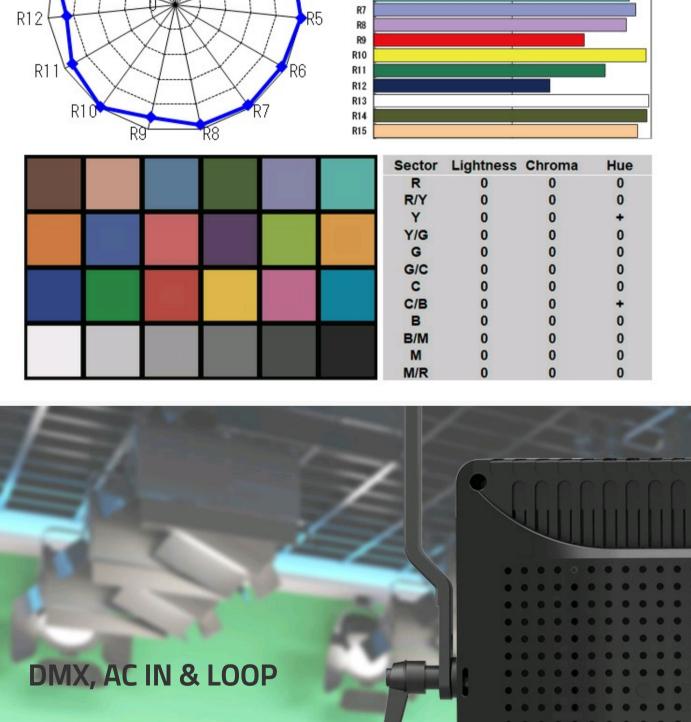
2700K-6500K Continuously

CL-100D adopts 4-step MacAdam Ellipse SMD-LEDs, consists of 100W 2700K LEDs and 100W 6500K LEDs, and can be continuously adjusted between 2700K and



CRI 97; TLCI 99

100.



R2 R3

R4 R5 R6

R4

will not lose the object original colors.

CRI (Color Rendering Index) is a measure of the ability of

faithfully in comparison with a natural light source. And

TLCI (Television Lighting Consistency Index) is special for the color reveal ability by camera sensor. Max value

The normal LED light has 80-85 CRI or TLCI, while CL-

100D offers the super high CRI at 97 and TLCI at 99, and

a light source to reveal the colors of various objects





CL-100D provides 5-pin XLR DMX512 in and

DMX receiver. For convenient studio

under 110V voltage.

out, with a 5V USB-A socket to power wireless

installation, the CL-100D provides PowerCON True 1 AC in and loop out sockets, which will loop through more than 25x CL-100D lights

under 220V AC voltage, and 13x CL-100D lights

sequentially, to save sliders on the console.

DMX sliders on the console.

Independent DMX Addr Setting

The regular Bi-color lights use N and N+1 to set Dimmer and Color temp DMX addresses, which means 1x light occupy 2x

Now the CL-100D can set independent DMX addresses for Dimmer and Color temp. For example you can set Color temp DMX 024 for every light, and Dimmer DMX 001, 002, 003...



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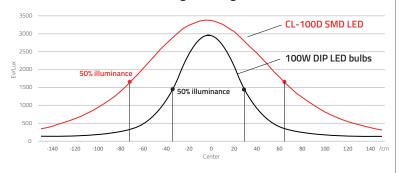


Soft Wider Beam Angle

The CL-100D SMD LEDs have wider beam angle comparing to the traditional DIP LED bulbs. It will generate an equally spread area light from center to edge, instead of a glaring light spot that suddenly declined from center to edge.

The wider angle equally spread light produces a nature light environment in studio.

Beam angle testing at 1 meter





2700K-6500K Continuous

CL-100D adopts 4-step MacAdam Ellipse SMD-LEDs, consists of 100W 2700K LEDs and 100W 6500K LEDs, and can be continuously adjusted between 2700K and 6500K.

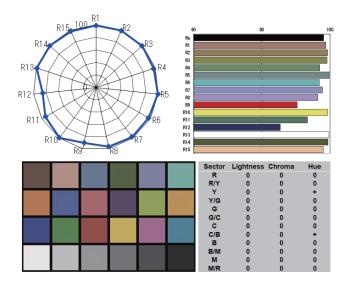


Independent DMX Addr Setting

CL-100D can set independent DMX addresses for Dimmer and Color temp. For example you can set Color temp DMX 024 for every light, and Dimmer DMX 001, 002, 003... sequentially, to save sliders on the console.



CRI 97; TLCI 99

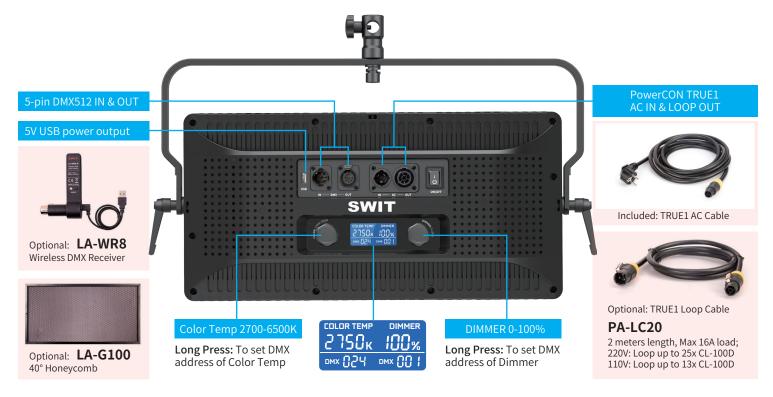


CL-100D 100W Bi-Color Studio Panel





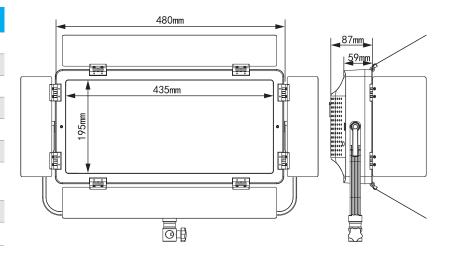
Power and Control





Specifications

Model	CL-100D
LEDs	1440pcs SMD LEDs
Color Temp	2700K-6500K
Illuminance	3300Lux @ 1m
Beam angle	65° half peak
Color Render	CRI 97; TLCI 99
DMX	5-pin XLR DMX in & out
Input Voltage	AC 100-240V, 50/60Hz PowerCON True1 in & out
Power	100W
Net Weight	3.2kg incl. Barndoors







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