#### Studio LED X1 Plus BI-COLOR

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# STUDIO LED X1PI **BI-COLOR**

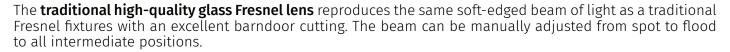
The Studio LED X1 PLUS is an ultra-compact LED Fresnel spotlight specifically designed for small studios, radios, Web TV, galleries, independent content creators.

Inside the midget and lightweight die-cast body there is the **proven** Studio LED X Series technology with integrated power supply that makes this lantern a professional fixture to satisfy the most demanding specifications of lighting professionals.

CCT is adjustable from 2800 K to 6500 K with excellent color rendition over the entire range, perfectly adjusted to skin tones, camera sensors and ambient light.

The user interface is designed to be extremely user friendly: dimming and CCT are controlled on board by a push encoder and

remotely via DMX RDM, the high resolution LCD graphic display reports the system status, led temperature, fan setting, dimming level, current DMX settings, active effects.



Other features include: professional lighting effects, mini USB port for firmware updates, XLR 5 pin connector DMX-RDM in/through, powerCon True1 top in.

The **lighting effects** include: candle, strobe, thunder, paparazzi, neon, television, progress and more. Most effects have several parameters that allow for customization of the effect to fit user needs.

Preset PWM frequencies from 1000 Hz to 20 kHz ensure flicker-free operation, even for high-speed camera settings.



Investing in LED fixtures brings immediate benefits in terms of savings: dramatically reduced power consumption, 50,000+ hours LED engine life vs 150 hours of a traditional halogen lamp, reduced AC requirements, no dimmers required, practically no maintenance and spare parts required thanks to the lack of heat.

#### **Main features**

#### LCD GRAPHIC DISPLAY

High-resolution LCD graphic display to operate and control system status, led internal temperature, current DMX settings, dimming level both in remote and manual mode, and display standby.

#### **BUILT-IN UNIVERSAL POWER SUPPLY**

More compact for easy operation.

#### **ON-BOARD CONTROL**

On-board push encoder to control the dimming level and On-board USB port for firmware upgrade, diagnostic CCT adjustment.

#### ON-BOARD DMX RDM CONTROL

The RDM standard provides bi-directional feedback and the possibility to remotely assign and address all the fixtures in a DMX network.

#### 16-bit ELECTRONIC DIMMING

Fully dimmable 0 – 100%. The 16-bit electronic driver ensures accurate and precise dimming.

#### **ON-BOARD USB-PORT**

testing, and parameters setting via PC dedicated software.





## is MORE

Powerful. Brighter. Effortless.

### **Technical features**

Operational Data					
Source	Tunable White Led engine				
Power consumption	35 W				
Supply voltage	80 – 260 Vac, 50 – 60 Hz, autosensing				
Led engine lifetime	50.000 hours with 70% lumen output				
Tilt recommended angle of use	-90° / 0° / 90°				
Focus adjustment	Manual rear focus knob and direct adjustment drive focus mechanism				
Barndoor diameter	110 mm				
Body	Rugged die-cast construction Black epoxy powder finishing				
IP rating	IP 20				
Max operating ambient temperature	0° - 40°				
Optical Data					
Lens	Fresnel 80 mm $\phi$ , low expansion borosilicate Glass material				
Beam angle	8° to 68°				
Correlated Color Temperature	Adjustable from 2800 K to 6500 K				
CRI	> 95 at 3200 K, > 93 at 5600 K				

Mechanical Data	ı			
Cooling	High-efficiency convection cooling, super silent fan, presetting fan speed			
MO mounting	Manual U-shape flat stirrup with 16 mm (5/8") socket			
Rail mounting	Optional Track-mount with factory installed adapter EUTRAC compatible			
Electrical				
Dimming	Electronic 8-16 bit, 0 – 100% fully adjustable			
Control	Local via push encoder and buttons Remote via DMX-RDM Setting, addressing and testing via control panel, via RDM, and via USB port			
Signal connection	DMX In and Through 5-Pin XLR connectors USB port for firmware and software upgrade			
Power connection	Neutrik powerCON TRUE1 IN Plugs and customized cables upon request			
Cabling	Power cord 3 m bare end Plugs and customized cables upon request			
Phisical				
Dimensions (WxHxD) 172x310x188 mm				
Weight (head)	1.85 kg			

#### **Photometrics - Lux values**

#### Typical performance based on 3200 K

Distance (m)	3	4	5	7	9
Spot 8°	1410	793	508	259	157
Flood 68°	167	94	60	31	19

#### Typical performance based on 5600 K

Distance (m)	3	4	5	7	9
Spot 8°	1650	928	594	303	183
Flood 68°	175	98	63	32	19

#### **Accessories**

Four-leaf rotating barndoor 110 mm Ø supplied as

28040

standard in the fixture

C500 Pelican gaffer grip with 16 mm spigots 28080

FF3870

Colour frame 110 mm Ø

28301

Scrim set (one double, one single scrim, one half double scrim, one half single scrim) 110 mm  $\phi$ 

RC 282

Stage clamp 52 mm Ø with 12 mm hole and 16 mm spigot

#### RC 212B

Steel safety cable Aluminium stand, 3 risers, 2.5 mm Ø - 70 cm 90/280 cm, 16 mm spigot, lenght

black, 5 kg load

Technical specifications and data are provided for guidance only. Due to improvement in technology and/or in products, all product, specs and data are subject to change without notice. COSMOLIGHT accepts no liability for any errors, inaccuracies or incompleteness contained herein.

