

STUDIO LED X7 PLUS BI-COLOR



The Studio LED X Series PLUS BI-COLOR is a high performing professional LED Fresnel range for broadcast and studio applications.

With the features of the renowned QUARTZCOLOR Fresnel spotlights and the latest progress in LED technologies, the Studio LED X Series PLUS BI-COLOR is the innovative Fresnel range that provides the ability to regulate the color temperature from a minimum of 2700K to a maximum of 6500 K. The Dimming and the CCT are controlled by The potentiometer, and the high lumen density COB LED array allows true color reproduction and a pure, bright, and consistent white light.

One-for-one replacement

A high performing professional range of LED Fresnels whose light output is equivalent to a traditional halogen source and permits a one-for-one replacement without compromises in the quality of the light: same brightness, same smoothness, same even and shadowless illumination as a traditional Fresnel spotlight.

Quality and Reliability over time

Only top quality components and special high-temperature treatments to deliver a high-quality, rugged, long-lasting lighting fixtures that will perform for years. Easy to service and maintain, designed and manufactured in Italy.



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 POWERSUPPLY

More compact for easy operation.

ON-BOARD CONTROL

On-board potentiometer to control the dimming level.

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

On-board USB port for firmware upgrade, diagnostic testing, and parameters setting via PC dedicated software.

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PLUS is MORE
Powerful. Brighter. Effortless.

Technical features

Operational Data

Power consumption	450 W
Supply voltage	90 – 260 Vac, 50 – 60 Hz, autosensing
Tilt recommended angle of use	-90° / 0° / 90°
Focus adjustment	Stainless steel, maintenance-free wire focus mechanism
Barndoor diameter	401 mm
Safety mesh	Stainless steel safety mesh 25 mm x 25 mm
IP rating	IP 20
Max operating ambient temperature	0° - 40°

Optical Data

Lens	Fresnel 350 mm Ø, low expansion borosilicate Fresnel lens on spring Teflon supports
Beam angle	10° to 57°
Correlated Color Temperature	from 2700 K to 6500 K
CRI	> 95

Photometrics

Typical performance based on 3200 K

Distance (m)	3	4	5	7	9
Spot 10°	22781	12814	8201	4184	2531
Flood 57°	1714	964	617	315	190

Typical performance based on 5600 K

Distance (m)	3	4	5	7	9
Spot 10°	28116	15815	10122	5164	3124
Flood 57°	2101	1182	756	386	233

Mechanical Data

Cooling	High-efficiency convection cooling, super silent fan, 3 presetting fan speed
MO mounting	Manual U-shaped stirrup with lateral thrust bearing and lock off knob for quick and secure locking, 28 mm (1 1/8")
PO mounting	Pole Operated U-shaped stirrup, pan & tilt clutch gear mechanism for manual override, 28 mm (1 1/8") spigot

Electrical

Dimming	Electronic 16-bit, 0 – 100% fully adjustable Variable CCT (2700 K to 6500 K)
Control	Local via potentiometer (dimming and CCT), Remote via DMX-RDM, ArtNet, sACN Setting, addressing and testing via control panel, via RDM and via USB port
Connections	DMX In and Through 5-Pin XLR, USB port for firmware and software upgrade, RJ45 for ArtNet, powerCon TRUE1 in-out for power
MO version	3 m bare ended cable Plugs and customized cables upon request
PO version	1,5 m bare ended cable Plugs and customized cables upon request
Dimensions	
Weight (head)	24.0kg manual version 25.0kg pole op version

Accessories

28074
Four-leaf rotating barndoor -401mm Ø supplied as standard in the fixture

28097
Colour frame - 408 mm Ø

28307
Scrim set (one double, one single scrim, one half double scrim, one half single scrim) - 408 mm Ø

FF3100
Junior pipe clamp with 28 mm socket

FF3871
Steel safety cable - Ø 4 mm - 70 cm length

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