

STUDIO X2

Tungsten

Talent Light with Natural Quality

Litepanels **Studio X LED** Fresnels, engineered by world renowned broadcast lighting professionals Quartzcolor, deliver high-performance, directional, bright white light with precision spot to flood beam control and consistent quality.

Natural talent light with perfect skin tone rendering is achieved with high output COB LEDs to produce superior white light. With no variation in quality at any dimming level from 0-100%, Studio X Fresnels perfectly match ambient and practical set lighting to show talent in a naturally realistic light.

The Studio X2 Tungsten (3,200K) 60W Fresnel has a 5" lens in a practical compact chassis with spot-to-flood beam angle range of 12°-48°. The fixture output is similar to a 300W traditional tungsten Fresnel. Advanced thermal management ensures 50,000+ hours of LED engine life, while individual burn-in and calibration tests ensure quality and consistency.

With high-quality, single source wrap-around illumination, Studio X is the perfect choice to light your talent – naturally.



PERFECT TALENT LIGHT

- Pure, bright, and consistent white light
- Perfect skin tone rendering

FLAWLESS FRESNEL BEAM

- Even field throughout the zoom range
- Effective light control with barndoors

COMPLETE CONTROL

- DMX, RDM, and local control
- Accurate, fine dimming curve

ENDURING PERFORMANCE

- Installed in leading broadcast studios
- Advanced thermal management

Product Information

Part Number:	US	UK	EU
Standard Yoke	960-2302	960-2202	960-2102
Pole Operated	960-2312	960-2212	960-2112
Description	Studio X2 Tungsten 60W LED Fresnel		
Includes	LCD graphic display and on-board control panel; 5-pin RDM-DMX in connector; PowerCON in connector; built-in universal power supply; 4-leaf rotating barndoor Ø 6.6" (168mm); 10ft (3m) powerCON True 1 cable. US version also includes: gel frame Ø 6.6" (168mm)		

Accessories

900-6801 X2 Gel frame Ø168mm	900-6802 X2 Scrim set Ø168mm	900-6803 X2 Cone w/ variable aperture Ø168mm	900-6804 X2 4-leaf rotating barndoor Ø168mm
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Studio X2 Tungsten Specifications

Optical Data

LED engine	Tungsten COB
Lens	Fresnel 130mm / 5" Ø, low expansion borosilicate
Beam angle	12° - 48°
Correlated Color Temperature	3,200K
CRI	>90

Operational Data

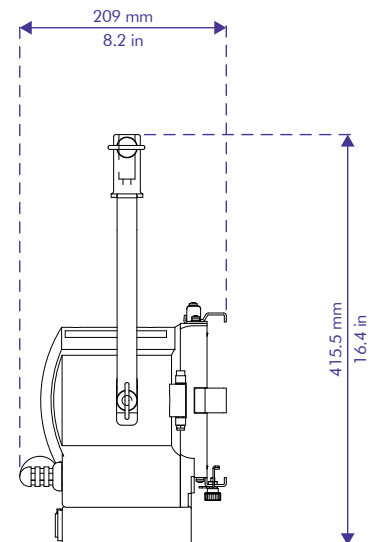
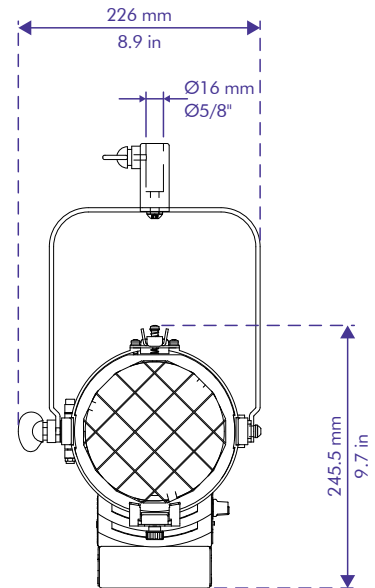
Focus adjustment	Wire focus mechanism on Teflon bushing
Dimming control	PWM with 3 frequency presets, 0-100% continuously adjustable
Local control	Single dial (dimming) and keypad controller with backlit LCD display
Control connections	5-Pin XLR in and through, Mini-USB
DMX control	Dimming, 8-bit and 16-bit
RDM control	DMX setup, hour counter, temperature
Fan	High efficiency convection, super silent fan with 3 speed presets
Software [Mini-USB]	Fixture status, firmware upgrade through PC
Ambient operating temperature	0° - 40°C / 32°-104°F
Estimated LED lifetime	50,000 hrs

Mechanical Data

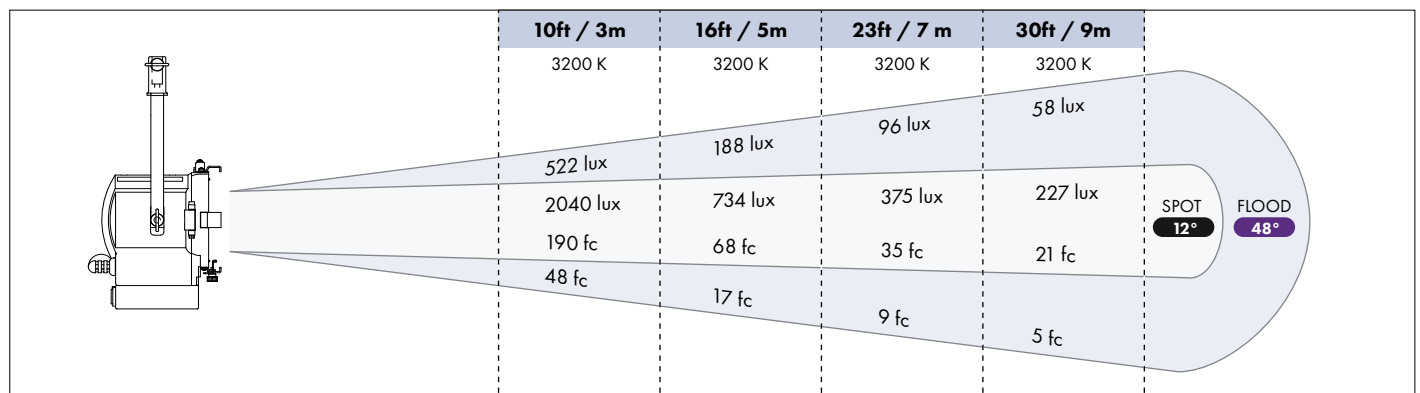
Mounting - standard	Yoke with Baby Pin [16mm / 5/8"]
Mounting - pole operated	Pole Operated Yoke, Jr Pin [28 mm / 1 1/8"]
Weight - standard	3.5kg / 7.72lb
Weight - pole operated	5.0kg / 11lb
Tilt angle	+/- 90°
Barndoor diameter	168mm / 6.6"
Safety mesh	Stainless steel 25x25mm / 1x1"

Electrical

Nominal power draw	60W maximum
Power supply	Integrated, universal
Mains input	80 – 260 Vac, 50 – 60 Hz, autosensing
Power connection	powerCON TRUE 1 in
IP rating	IP20



Photometrics



Investing in LED fixtures brings immediate benefits: up to 85% energy savings; extended LED engine life vs halogen lamp; no external dimmers required; reduced HVAC requirements due to lack of heat.

All product, specs and data are subject to change without notice
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