

STUDIO X6

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 X6 Tungsten (3,200K) 300W Fresnel has a 10" lens with a spot-to-flood beam angle range of 12°-60°. The fixture output is similar to a 2KW 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	960-6302	960-6202	960-6102
Pole Operated	960-6312	960-6212	960-6112
Description	Studio X6 Tungsten 300W LED Fresnel		
Includes	LCD graphic display and on-board control panel; 5-pin RDM-DMX in/out connectors; Powercon in/out connectors; built-in universal power supply; 4-leaf rotating barndoor Ø 12.7" (323mm); 10ft (3m) PowerCON True 1 cable. US version also includes: gel frame Ø 12.7" (323mm)		

Accessories

900-6815	900-6816	900-6817	900-6818	900-6819	900-6820	900-6821
X5 & X6 Gel frame Ø323mm	X5 & X6 Scrim set Ø320mm	X5 & X6 Cone small aperture Ø323mm	X5 & X6 Cone medium aperture Ø323mm	X5 & X6 Cone large aperture Ø323mm	X5 & X6 4-leaf rotating barndoor Ø323mm	X5 & X6 8-leaf rotating barndoor Ø323mm

Studio X6 Tungsten Specifications

Optical Data

LED engine	Tungsten COB
Lens	Fresnel 250mm / 10" Ø, low expansion borosilicate
Beam angle	12° - 60°
Correlated Color Temperature	3,200K
CRI	>90

Operational Data

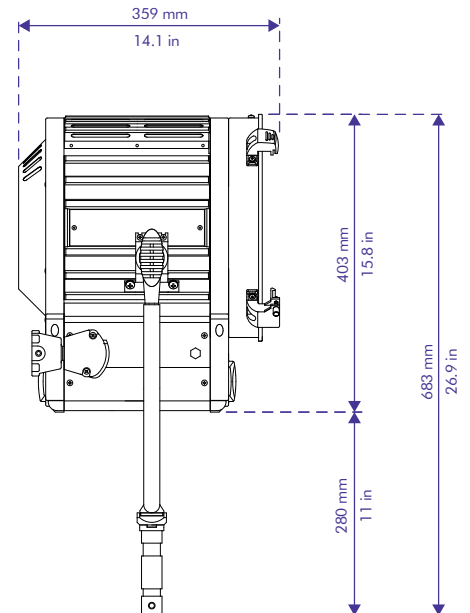
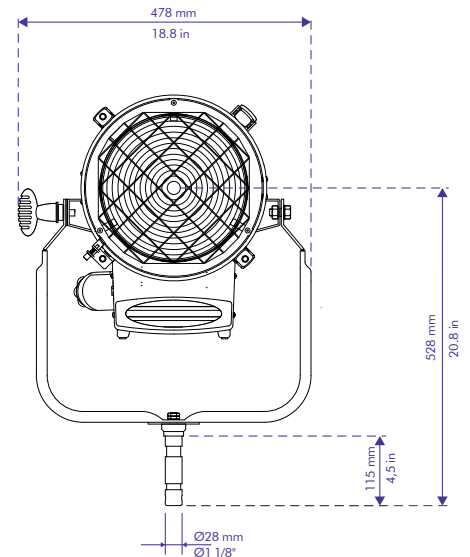
Focus adjustment	Wire focus mechanism on Teflon bushing
Dimming control	Constant Current 0-100% Continuous
Local control	Single dial (dimming) and keypad controller with backlit LCD display
Control connections	5-Pin XLR in and through, Mini-USB
DMX control	Dimming, 8-bit and 16-bit
RDM control	DMX setup, 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

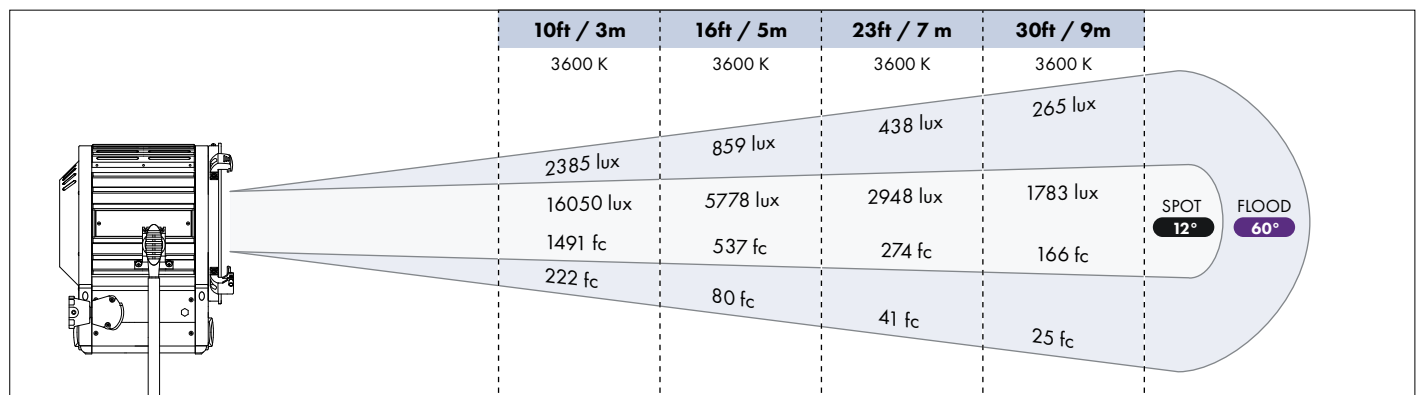
Mounting - standard	Yoke with lateral thrust bearing and lock off knob, Jr Pin [28mm / 1 1/8"]
Mounting - pole operated	Pole Operated Yoke, Jr Pin [28 mm / 1 1/8"]
Weight - standard	13.8kg / 30.4lb
Weight - pole operated	14.7kg / 32.4lb
Tilt angle	+/- 90°
Barndoor diameter	323mm / 12.7"
Safety mesh	Stainless steel 25x25mm / 1x1"

Electrical

Nominal power draw	300W maximum
Power supply	Integrated, universal
Mains input	90 – 260 Vac, 50/60 Hz, autosensing
Power connection	powerCON TRUE 1, in and through
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
©2022, Litepanels. All rights reserved.