

STUDIO X5

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 X5 Tungsten (3,200K) 200W Fresnel has a 10" lens with a wide spot-to-flood beam angle range of 16°-67°. The fixture output is similar to a 1KW 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 | 960-5302 | 960-5202 | 960-5102 |
| Pole Operated | 960-5312 | 960-5212 | 960-5112 |
| Description | Studio X5 Tungsten 200W 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 X5 Tungsten Specifications

Optical Data

| | |
|------------------------------|---|
| LED engine | Tungsten COB |
| Lens | Fresnel 250mm / 10" Ø, low expansion borosilicate |
| Beam angle | 16° - 67° |
| Correlated Color Temperature | 3,200K |
| CRI | >90 |

Operational Data

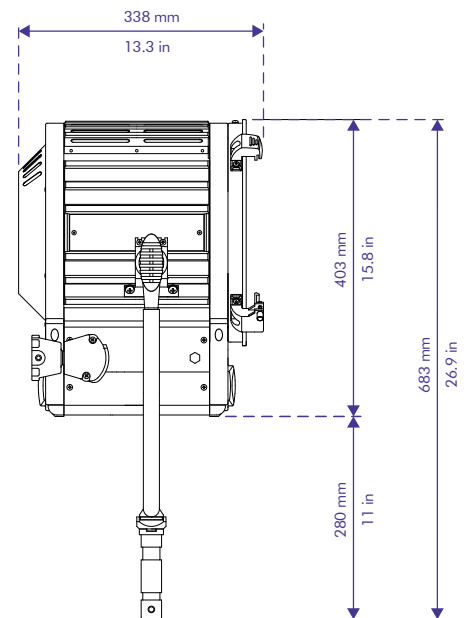
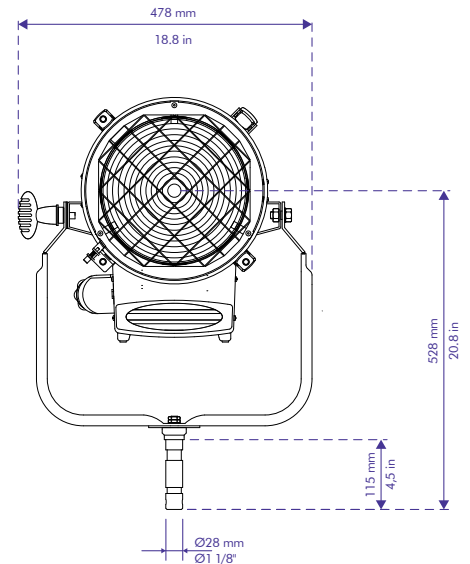
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|-------------------------------|--|
| Focus adjustment | Wire focus mechanism on Teflon bushing |
| Dimming control | Constant Current 0- 100% Continuous |
| Local control | Single dial (dimming) and keypad controller with backlit LCD display |
| 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

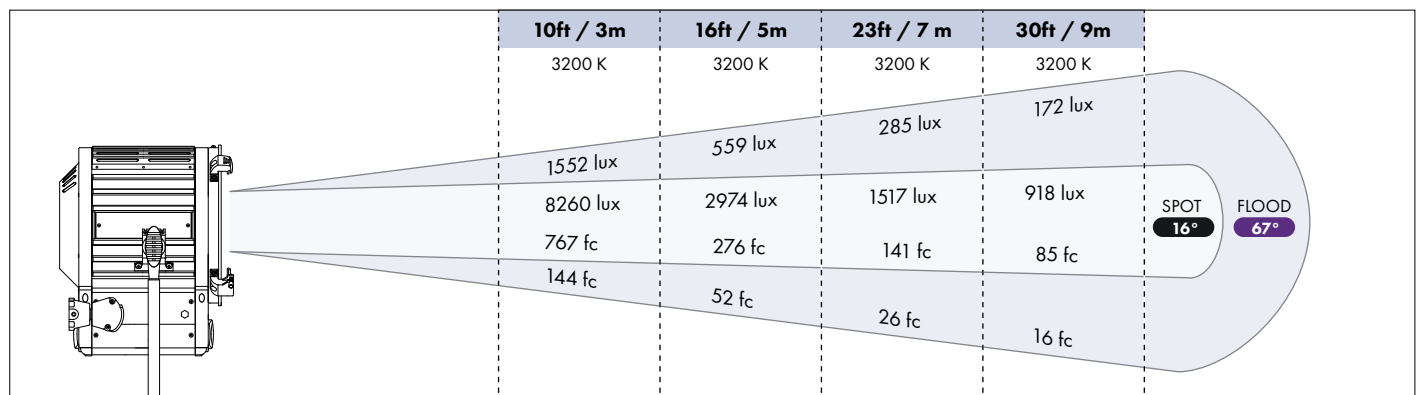
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|--------------------------|--|
| Mounting - standard | Yoke with lateral thrust bearing and lock off knob, Jr Pin [28mm / 1 1/8"] |
| Mounting - pole operated | Pole Operated Yoke, Jr Pin [28 mm / 1 1/8"] |
| Weight - standard | 12.7kg / 28lb |
| Weight - pole operated | 13.6kg / 29.98lb |
| Tilt angle | +/- 90° |
| Barndoor diameter | 323mm / 12.7" |
| Safety mesh | Stainless steel 25x25mm / 1x1" |

Electrical

| | |
|--------------------|-------------------------------------|
| Nominal power draw | 200W 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
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