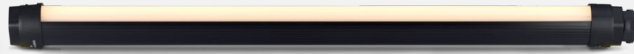


Q50XG INFO SHEET



Features & Specifications

Luminaires: 2000K & 6000K LEDs
 Color Control: Onboard Crossfade Wheel
 Lifetime: 25,000+ hours
 Flicker Free
 Length: 4' [1.22 m]
 Diffusion Size: 44 5/8" (L) x 1 3/8" (W) [113.3 cm (L) x 3.5 cm (W)]
 Weight: 1.7 lbs [0.77 kg]

True Power: 50 W Apparent Power: 72 VA
 Power Factor: 0.694
 Voltage: 120 or 240 VAC
 Current Draw: 0.6 A @ 120 V [0.3 A @ 240 V]
 Efficiency: 90+ lumens / W
 Power Connect: Grounded G13 Single End
 Ballast: Internal Self Ballasted

Photometric Graphs

Units: Foot Candles (FC) $\pm 10\%$ [Lux = FC $\times 10.7639 \frac{\text{Lux}}{\text{FC}}$]

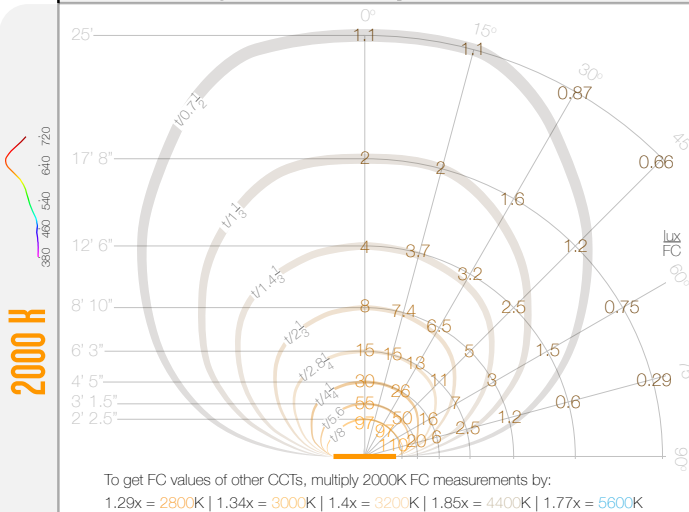
T-stop rings* camera parameters: ISO 800 | $\pm 180^\circ$ | 24 fps

*T-stop rings approximately drawn for qualitative illustration only, not for precise calculations.

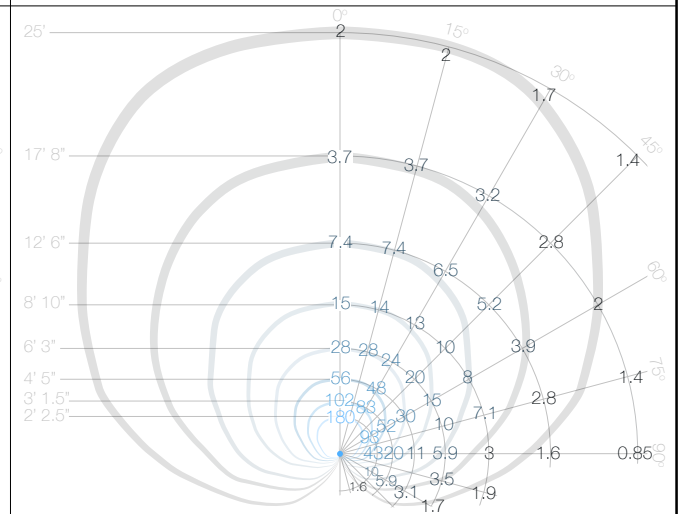
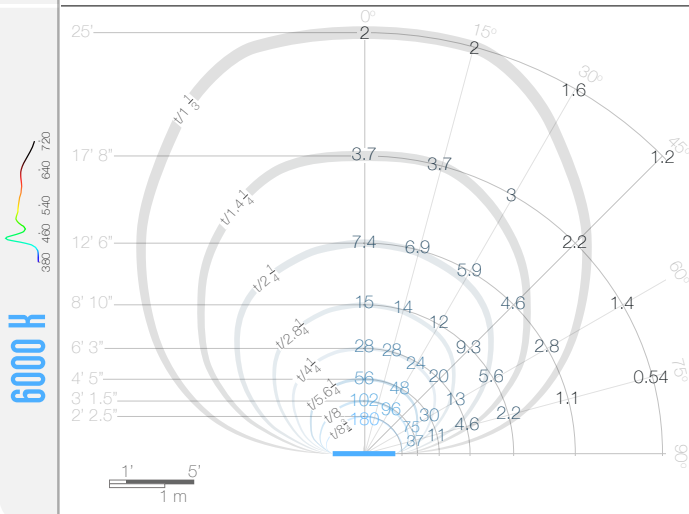
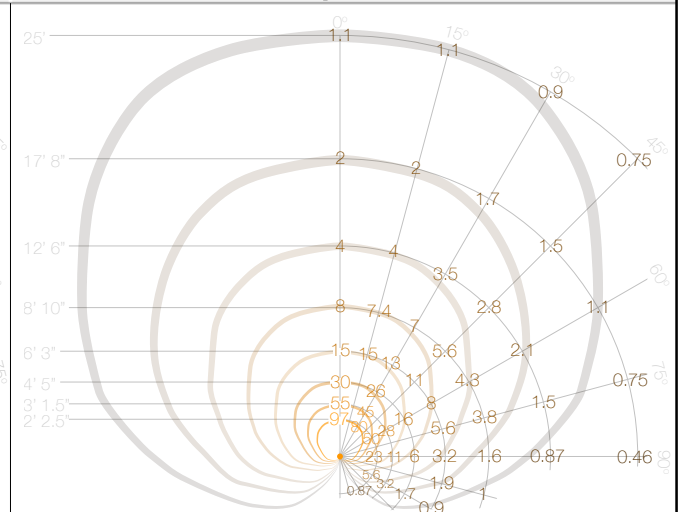
FC calculation: $FC_{\text{target}} = \left(\frac{\text{Distance}_{\text{original}}}{\text{Distance}_{\text{target}}} \right)^2 \times FC_{\text{original}}$

Use this formula along any axis for distances greater than unit length.

Longitudinal Output Pattern



Axial Output Pattern



QUASAR SCIENCE
 MOTION PICTURE TECHNOLOGY & LOGISTICS

687 S. Anderson St.
 Los Angeles, CA 90023
 (800) 876-0665

instagram.com/quasarscience
 facebook.com/quasarscience

info@quasarscience.com
 quasarscience.com

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