All Quasar Science products in production are certified by Intertek and their affiliated laboratories and conform to UL standards.

Features & Specifications

Luminaires: 2000K & 6000K LEDs
Color Control: Onboard Crossfade Wheel
Lifetime: 25,000+ hours
Flicker Free
Length: 8’ [1.22 m]
Diffusion Size: 92” (L) x 1 3/8” (W) [233.7 cm (L) x 3.5 cm (W)]
Weight: 3.3 lbs [1.5 kg]

True Power: 100 W  Apparent Power: 144 VA
Power Factor: 0.694
Voltage: 120 or 240 VAC
Current Draw: 1.2 A @ 120 V [0.6 A @ 240 V]
Efficiency: 90+ lumens / W
Power Connect: Grounded G13 Single End
Ballast: Internal Self Ballasted

Photometric Graphs

Units: Foot Candles (FC) ±10% [Lux = FC×10.7639]
T-stop rings* camera parameters: ISO 800 | 4:180° | 24 fps
*T-stop rings approximately drawn for qualitative illustration only, not for precise calculations.

FC calculation: \( FC_{\text{target}} = \left( \frac{\text{Distance}_{\text{target}}}{\text{Distance}_{\text{original}}} \right)^2 \times FC_{\text{original}} \)
Use this formula along any axis for distances greater than unit length.

To get FC values of other CCTs, multiply 2000K FC measurements by:
1.29x = 2800K | 1.34x = 3000K | 1.4x = 3200K | 1.85x = 4400K | 1.77x = 5600K

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