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**: 6’ [1.83 m]
- **Diffusion Size**: 68 5/16” (L) x 1 3/8” (W) [173.5 cm (L) x 3.5 cm (W)]
- **Weight**: 2.9 lbs [1.32 kg]
- **True Power**: 75 W
- **Apparent Power**: 108 VA
- **Power Factor**: 0.694
- **Voltage**: 120 or 240 VAC
- **Current Draw**: 0.9 A @ 120 V [0.45 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  [m]]

**T-stop rings** camera parameters: ISO 800 | 4.180° | 24 fps

*Top rings approximately drawn for qualitative illustration only, not for precise calculations.

**FC calculation**: $FC_{target} = \left( \frac{Distance_{target}}{Distance_{original}} \right)^2 \times FC_{original}$

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

### Longitudinal Output Pattern

**2000 K**

To get FC values of other CCTs, multiply 2000K FC measurements by:

- $1.29x = 2800K$
- $1.34x = 2000K$
- $1.4x = 3000K$
- $1.85x = 4400K$
- $1.77x = 5600K$

**6000 K**