

Section 2: Specifications

Mechanical Specifications

Parameter	Value
Weights: Light Head/Yoke Assembly Arm Arm (Floor) Wall Bracket Assembly Floor Stand Assembly Single Ceiling Mount Assembly Dual Ceiling Mount Assembly	Approximately 8.6 lbs (3.9 Kg) Approximately 12.5 lbs (5.7 Kg) Approximately 11.5 lbs (5.2 Kg) Approximately 3.0 lbs (1.4 Kg) Approximately 43.0 lbs (19.5 Kg) Approximately 14.5 lbs (6.6 Kg) Approximately 16.0 lbs (7.3 Kg)
Dimensions: Light Head/Yoke Assembly Arm (Wall/Ceiling) Arm (Floor) Floor Stand	14.5" (368 mm) Dia. 3.28" (83.3 mm) deep 58.5" (1,485 mm) Long 39.5" (1,003 mm) Long 75.5" (1,917 mm) High
Rotations: Articulating Arm Vertical Movement Articulating Arm Horizontal Movement Articulating Arm/Yoke Interface Yoke/Lamp Head Interface	± 40° Travel Approximately 345° Approximately 540° Approximately 190°

Electrical Specifications

Parameters	Value
Supply Circuit	100 ~ 240 VAC 50/60 Hz Single Phase (NOT 208 compatible) 0.5 AMP (Dual Lights)
Fuse Rating	1.5 Amps @ 230VAc, Slo-Blo (all supply voltages)
Power Supply power handling capacity	100 ~ 240 VAC 50/60 Hz 1.3 Amps, 65W
Light Head power consumption	27W @ 24VDC

Optical Specifications

Performance	Value
Color temperature	4,300° Kelvin ±300°K
Focal length	39.4" (1 meter)
Central illuminance (full intensity)	50,000 +/- 5K LUX
Dimming – 3 Intensity Levels (Indicated by 3 LED's on 2 indicator strips located 180° apart)	100% 75% 50% 50,000 37,500 25,000
Light field diameter (d10)	Approximately Ø 9.0" (Ø 229mm)
Light field diameter (d50)	Approximately Ø 5.0" (Ø 127mm)
Depth of illumination	Approximately 50"
Shadow Dilution	
Illuminance (one mask)	Approximately 240 LUX
Illuminance (two masks)	Approximately 23,960 LUX
Illuminance at bottom of standard tube	Approximately 51,950 LUX
Illuminance (tube with one mask)	Approximately 100 LUX
Illuminance (tube with two masks)	Approximately 23,070 LUX
Irradiance	Approximately 141.2 W/m ²
CRI	≥ 87

Environmental Specifications

Parameter	Value
Ambient / Operating temperature	41°F to 104°F 5° to 40° Celsius)
Storage temperature range	41°F to 113°F (5° to 45° Celsius)
Humidity	10 - 90% relative humidity
Pressure	100 kPA (@<2K meters)