

## ExceLED Specifications

### Mechanical

Parameter	Value
<b>Weight</b>	
Head	Approximately 13.5 lbs. (6.1 kg).
Arm	Approximately 12.5 lbs. (5.7 kg).
Arm (Floor)	Approximately 11.5 lbs. (5.2 kg).
Wall Bracket Assy.	Approximately 3.0 lbs. (1.4 kg).
Floor Stand Assy.	Approximately 43.0 lbs. (19.5 kg).
Single Ceiling Mount	Approximately 14.5 lbs. (6.6 kg).
Dual Ceiling Mount	Approximately 16.0 lbs. (7.3 kg).
<b>Dimensions</b>	
Head	18" (457 mm) Dia. X 4" High (102 mm)
Arm	57.0" (1448 mm) Long
Arm (Floor)	38.5" (978 mm) Long
Floor Stand	74.5" (1892 mm) High
<b>Rotations</b>	
Articulating Arm Vertical Movement	+/- 40 Degrees travel
Articulating Arm Horizontal Movement	Approximately 345 Degrees
Articulating Arm/Yoke Interface	Approximately 540 Degrees
Yoke/Lamp Head Interface	Approximately 190 Degrees

### Electrical

Parameter	Value
Input Voltage	100 – 240 VAC 50/60 Hz
Power Consumption	Approx 60W max
LED life	50,000 hours (average)

### Optical

Parameter	Value
36 Inner optics + 6 Outer optics	Clear acrylic, multi-source
<b>Performance</b>	
Color temperature	4000 K
Focal length	39" (1 meter)
Central illuminance (full intensity)	6600 foot-candles (71000 Lux)
Dimming – 5 levels	100% 87% 75% 63% 50% of full intensity 70k 62k 53k 44k 35k Lux
Light field diameter (d10)	Approx 9"
Light field diameter (d50)	Approx 5"
Depth of illumination	Approx 50"
Shadow Dilution	
Illuminance (one mask)	Approx 2200 foot-candles
Illuminance (two masks)	Approx 2900 foot-candles
Illuminance (tube with one mask)	Approx 2200 foot-candles
Illuminance (tube with two masks)	Approx 2900 foot-candles
Irradiance	Approx 48.55 W/m <sup>2</sup>
CRI	≥85

### Environmental

Parameter	Value
Operating Temperature	41-104 °F (5-40 °C)
Storage Temperature Range	41-113 °F (5-45 °C)
Humidity	10 - 90% Relative Humidity