

# System Two LED

## Mechanical Specifications

Parameter	Value
<b>Weights:</b> Solo ceiling mount assembly* Duo ceiling mount assembly* Trio ceiling mount assembly* Light head assembly (*Note: The weight of the Ceiling Cast assembly is included.)	Approximately 73.5 lbs (33.3 Kg) Approximately 104.5 lbs (47.4 Kg) Approximately 155.5 lbs (70.5 Kg) Approximately 28.1 lbs (12.7 Kg)
<b>Dimensions:</b> Ceiling casting Ceiling rod  Arm (articulated) Light head assembly	Ø 17.0" (431.8 mm) x 4.7" (119.4 mm) deep Ø 2.5" (Ø 63.5 mm) x 9.0"-43.0"(228.6 -1092.2 mm) long (depending on ceiling height) Ø 4.0" (Ø 102 mm) (tapered) x 26.0" (660 mm) long Ø 25.5" (Ø 648 mm) x 4.75" (120 mm) deep
<b>Rotations:</b> Ceiling mount/extension arm interface Articulating/extension arm interface Articulating arm vertical movement Articulating arm/Yoke interface Yoke/lamp head interface	Continuous Continuous +15°, -65° Continuous +/-165 Degrees (330° range)

## Electrical Specifications

Parameters	Value
Voltage Input Voltage	100 - 240 VAC 50/60 Hz – Single Phase
LED life	50,000 hours (average)
<b>Power:</b> Solo Duo Trio	120 Watts 240 Watts 360 Watts

## Optical Specifications

Parameter	Value
Correlated Color Temperature	4,300 °Kelvin ±300°K
Irradiance	128 W/m <sup>2</sup> (1 m)
Color Rendering Index (CRI R1-R8=RA)	≥ 87
Color Rendering Index R9	≥ 87
Parameter	Value
<i>Focal length</i>	39.4" (1 meter)
Central illuminance (full intensity)	130,000 +/- 5K Lux.
Dimming – 5 Intensity Levels (Indicated by 5 LED's on 2 indicator strips located 180° apart)	100%    87.5%    75%    62.5%    50% 130,000    113,750    97,500    81,250    65,000
Endo Mode (18 LED's triangulated 120° apart)	8,500 Lux
Light field diameter (d10) (adjustable)	Ø 9.5" – Ø 14" (Ø 229mm – Ø 356mm)
Diameter (d50)	Ø 5.5" (Ø 127mm – Ø 140mm)
Depth of illumination	32.3"
Illuminance (one mask)	Approximately 74,600 LUX
Illuminance (two masks)	Approximately 62,400 LUX
Illuminance at bottom of standard tube	Approximately 132,350 LUX
Illuminance at bottom of standard tube with one mask	Approximately 72,600 LUX
Illuminance at bottom of standard tube with two masks	Approximately 60,250 LUX

## Environmental Specifications

Parameter	Value
Operating Temperature	41°F to 104°F (5° to 40° Celsius)
Storage Temperature Range	-4°F to 122°F (-20° to 50° Celsius)
Humidity	10 - 90% Relative Humidity
Pressure	100 kPA (@<2K meters)