

MI-1000

Mechanical Specifications

Parameter	Value
Weight	
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)
Dimensions	
Head	Ø 18" (Ø 457 mm) x 4" High (102 mm)
Arm	57.0" (1,448 mm) Long
Arm (Floor)	38.5" (978 mm) Long
Floor Stand	74.5" (1,892 mm) High
Rotations	
Articulating Arm Vertical Movement	+/- 40°
Articulating Arm Horizontal Movement	Approximately 345°
Articulating Arm/Yoke Interface	Approximately 540°
Yoke/Lamp Head Interface	Approximately 190°

Electrical Specifications

Parameter	Value
Input Voltage	100 – 240 VAC 50/60 Hz
Power Consumption	Approximately 80W max
LED life	50,000 hours (average)
Power	
Solo	120/230 VAC, 50/60 Hz 80 Watts
Duo	120/230 VAC, 50/60 Hz 160 Watts

Optical Specifications

Parameter	Value										
36 Inner optics with 6 Outer optics	Clear acrylic, multi-source										
Performance											
Color temperature	4,300° Kelvin ±300°K										
Focal length	39.4" (1 meter)										
Central illuminance (full intensity)	100,000 +/- 5K LUX										
Dimming – 5 Intensity Levels (Indicated by 5 LED's on 2 indicator strips located 180° apart)	<table style="display: inline-table; border: none;"> <tr> <td>100%</td> <td>87.5%</td> <td>75%</td> <td>62.5%</td> <td>50%</td> </tr> <tr> <td>100,000</td> <td>87,500</td> <td>75,000</td> <td>62,500</td> <td>50,000</td> </tr> </table>	100%	87.5%	75%	62.5%	50%	100,000	87,500	75,000	62,500	50,000
100%	87.5%	75%	62.5%	50%							
100,000	87,500	75,000	62,500	50,000							
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 22,600 LUX										
Illuminance (two masks)	Approximately 30,100 LUX										
Illuminance (tube with one mask)	Approximately 22,600 LUX										
Illuminance (tube with two masks)	Approximately 30,100 LUX										
Irradiance	Approximately 22.6 W/m ²										
CRI	≥ 87										

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)