

MI-750

Mechanical Specifications

Parameter	Value
Weight	
Head	Approximately 8.6 lbs. (3.9 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 14.5" (Ø 368 mm) x 3.28" (83.3 mm) deep
Arm	58.5" (1,485 mm) Long
Arm (Floor)	38.5" (978 mm) Long
Floor Stand	75.5" (1,917 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 65W max
LED life	50,000 hours (average)
Power	
Solo	120/230 VAC, 50/60 Hz 65 Watts
Duo	120/230 VAC, 50/60 Hz 130 Watts

Optical Specifications

Parameter	Value
18 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)	75,000 +/- 5K LUX
Dimming – 3 Intensity Levels	100% 75% 50%
(Indicated by 3 LED's on 2 indicator strips located 180° apart)	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
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)