



System Two MH

Specifications

Mechanical

Parameter	Value
Weight Solo ceiling mount assembly Duo ceiling mount assembly Trio ceiling mount assembly Light head assembly	Approximately 73.5 lbs (33.3 Kg). Approximately 104.5 lbs (47.4 Kg). Approximately 155.5 lbs (70.5 Kg). Approximately 23.5 lbs (10.7 Kg).
Dimensions Ceiling casting Ceiling rod (See fig's 2,3 & 4) Arm (articulated) Light head assembly	17.0" (431.8 mm) Dia x 4.7" (119.4 mm) deep 2.5" (63.5 mm) Dia x 9.0"-43.0"(228.6 -1092.2 mm) long (depending on ceiling height) 3.5" (88.9 mm) Dia(tapered) x 26 0" (660.4 mm) long 23.0" (584.2 mm) diameter x 10.0" (254mm) deep
Rotations Ceiling mount/extension arm interface Articulating/extension arm interface Articulating arm vertical movement Articulating arm/Yoke interface Yoke/lamp head interface	Continuous Continuous +20, -70 Degrees Continuous +/- 150 Degrees

Electrical

Parameter	Value
Voltages Input Voltage Lamp voltage	100 - 125 VAC 50/60 Hz 220 - 240 VAC 50/60 Hz 120 VAC 50/60 Hz (39 Watts) Primary 24 VAC 50/60Hz (80 Watts) Secondary
Bulb life	10,000 hours (average) For Primary
Power Solo (SS2120 MH, SS2230 MH) Duo (SS2S2120 MH, SS2S2230 MH) Trio (SS2S2S2120 MH, SS2S2S2230 MH)	120/230 VAC, 50/60 Hz 140 Watts 120/230 VAC, 50/60 Hz 280 Watts 120/230 VAC, 50/60 Hz 420 Watts

Specifications

Optical

Parameter	Value
Reflector	20" (508mm) diameter polished aluminum, faceted
IR/Color correcting filter glass	
Corrected color Temperature	4300 ° Kelvin
Irradiance	314 W/m ² (1m)
Color Rendering Index	90
Parameter	Value
Performance	
Focal length	39" (1 meter)
Central illuminance(adjustable)	2,500- 9,290 foot-candles (26,909 -100,000 Lux)
Maximum illuminance @33"	10,500 foot-candles (113,018 Lux)
Light field diameter(adjustable)	5.62 - 9.85" (143 - 250mm)
Depth of illumination	48" (1,220mm)
Diameter (d50)	4.12" (105mm)
Illuminance(one mask)	2,735 foot-candles (29,500 Lux)
Illuminance(two masks)	4,126 foot-candles (44,500 Lux)
Illuminance at bottom of standard tube	9,829 foot-candles (106,000 Lux)
Illuminance at bottom of standard tube with one mask	2,875 foot-candles (31,000 Lux)
Illuminance at bottom of standard tube With two masks	4,312 foot-candles (46,500 Lux)

Environmental

Parameter	Value
Operating temperature	41 - 104 deg F (5-40 Degrees Celsius)
Storage temperature Range	41 - 104 deg F (5-40 Degrees Celsius)
Humidity	10 - 90% relative humidity

System Two MH Specifications (Floor Model)

Mechanical

Parameter	Value
Weight Floor base with upright. Arm assembly MH Light Head	Approximately 88.5 lbs (40,1 Kg) Approximately 16.3 lbs (7,4 Kg) Approximately 23.5 lbs (10.7 Kg)
Dimensions Floor base Upright Arm assembly	7.5" (190,5 mm) high x 28" (711,2 mm) long x 25" wide (635 mm) 2.5" (63,5 mm)Dia 79" (2006,6 mm) 3.5" (88,9 mm) Dia (tapered) x 26.0" (660,4 mm) long
Rotations Articulating arm interface vertical movement Articulating arm/upright interface horizontal movement	+20 Degrees, 70 Degrees +/- 7.5 Degrees

Electrical

Parameter	Value
Power FS2120 MH, FS2230 MH,	120 VAC, 50/60 Hz, 140 Watts 230 VAC, 50/60 Hz, 140 Watts