

System Two Halogen Specifications (S2)

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 17.5 lbs (7.9 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 9.5" (241.3 mm) 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 23 - 25 VAC 50/60 Hz (150 Watts)
Bulb life	1,000 hours (average)
Power Solo (SS2120, SS2230) Duo (SS2S2120, SS2S2230) Trio (SS2S2S2120, SS2S2S2230)	120/230 VAC, 50/60 Hz 170 Watts 120/230 VAC, 50/60 Hz 340 Watts 120/230 VAC, 50/60 Hz 510 Watts

System Two Halogen Specifications (S2)

Optical

Parameter	Value
Reflector	20" (508mm) diameter polished aluminum, faceted
IR/Color correcting filter glass	
Corrected color Temperature	4000 ° Kelvin
Irradiance	314 W/m ² (1m)
Color Rendering Index	90
Parameter	Value
Performance	
Focal length	39" (1 meter)
Central illuminance(adjustable)	2,000- 9,500 foot-candles (21,500 -102,257 Lux)
Maximum illuminance @33"	10,700 foot-candles (115,173 Lux)
Light field diameter(adjustable)	6.5 - 9.0" (165 - 229mm)
Depth of illumination	48" (1,220mm)
Diameter (d50)	4.72" (120mm)
Illuminance(one mask)	2,340 foot-candles (25,200 Lux)
Illuminance(two masks)	3,300 foot-candles (35,500 Lux)
Illuminance at bottom of standard tube	9,500 foot-candles (102,000 Lux)
Illuminance at bottom of standard tube with one mask	2,340 foot-candles (25,200 Lux)
Illuminance at bottom of standard tube With two masks	3,300 foot-candles (35,500 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 Halogen Specifications (Floor Model)

Mechanical

Parameter	Value
Weight	
Floor base with upright.	Approximately 88.5 lbs (40,1 Kg)
Arm assembly	Approximately 16.3 lbs (7,4 Kg)
S1 Light Head	Approximately 13.8 lbs (6,3 Kg)
S2 Light Head	Approximately 17.5 lbs (7,9 Kg)
Dimensions	
Floor base	7.5" (190,5 mm) high x 28" (711,2 mm) long x 25" wide (635 mm)
Upright	2.5" (63,5 mm) Dia 79" (2006,6 mm)
Arm assembly	3.5" (88,9 mm) Dia (tapered) x 26.0" (660,4 mm) long
Rotations	
Articulating arm interface vertical movement	+20 Degrees, 70 Degrees
Articulating arm/upright interface horizontal movement	+/- 7.5 Degrees

Electrical

Parameter	Value
Power	
FS1120,	120 VAC, 50/60 Hz, 125 Watts
FS1230,	230 VAC, 50/60 Hz, 125 Watts
FS2120	120 VAC, 50/60 Hz, 170 Watts
FS2230	230 VAC, 50/60 Hz, 170 Watts