

Section 2: Light Specifications

Optical Specification			
Parameter	MI-1000	MI-750	MI-550
# of LED's	36	18	8
Output	100,000 Lux @ 39.4" (1m)	75,000 Lux @ 39.4" (1m)	55,000 Lux @ 24" (0.6m)
CCT	4,300°K		
CRI	97		
Focal Length	39.4" (1m)		24" (0.6m)
Dimming Levels	5	3	2
Dimming Percentages	100%, 87%, 75%, 62%, 50%	100%, 75%, 50%	100%, 50%
Endo Mode	Yes	No	No
Light Field (d10)	≈Ø8.3" (Ø209mm)	≈Ø7.7" (Ø196mm)	≈Ø6.0" (Ø152mm)
Light Field (d50)	≈Ø4.9" (Ø124mm)	≈Ø4.3" (Ø110mm)	≈Ø3.5" (Ø 89mm)
Depth of Illumination	24.0" (610mm)	26.5" (673mm)	-
Irradiance	295 W/m ²	196 W/m ²	71 W/m ²
Electrical Specifications			
Supply Circuit	100 - 240 VAC, 50/60Hz		
Fuse Rating	2.5 Amp/250VAC	1.5 Amp/250VAC	1.5 Amp/250VAC
Power Supply power handling capacity	100W	65W	65W
Light Head power consumption	54W @24VDC	27W @24VDC	16W @24VDC
Mechanical Specifications			
Track Length	70" (1,778)		
Track Width	7.75" (197)		
Light Head Weight	14.6 lbs (6.6 kg)	9.0 lbs (4.1 kg)	6.9 lbs (3.1 kg)
Light Head Dimensions	Ø18" (Ø457mm) 4" H (102mm)	Ø14.5" (368mm) 3.25" H (83mm)	Ø9.2" (234mm) 2.6" (66mm)
Arm Assembly Weight	Single: 48.3 lbs (21.9 kg)		
Articulating Arm Vertical Movement	+20° Up, -60° Down		
Articulating Arm Horizontal Movement	≈540°		
Articulating Arm/Yoke Interface	≈540°		
Yoke/Light Head Interface	≈300°		
Environmental Specifications			
Ambient/Operating temperature	41°F to 104°F (5°C to 40°C)		
Storage temperature	-4°F to 122°F (-20°C to 50°C)		
Humidity	10 - 90% Relative Humidity		
Pressure	100kPA (@<2k meters)		