

Centurion Excel Specifications

Mechanical

Parameter	Value
Weight	
Head	Approximately 10.10 lbs. (4.58 kg).
Arm	Approximately 12.5 lbs. (5.68 kg).
Arm (Floor)	Approximately 11.4 lbs. (5.18 kg).
Wall Bracket Assy.	Approximately 3.00 lbs. (1.36 kg).
Floor Stand Assy.	Approximately 43.0 lbs. (19.50 kg).
Single Ceiling Mount	Approximately 14.5 lbs. (6.58 kg).
Dual Ceiling Mount	Approximately 16.0 lbs. (7.26 kg).
Dimensions	
Head	18" (45.72 cm) Dia. X 6.60 High (16.7 cm)
Arm	57.0" (144.8 cm) Long
Arm (Floor)	38.5" (97.79 cm) Long
Floor Stand	74.5" (189.23 cm) High
Rotations	
Articulating Arm Vertical Movement	+/- 40 Degrees travel
Articulating Arm Horizontal Movement	Approximately 345 Degrees
Articulating Arm/Yoke Interface	Approximately 540 Degrees
Yoke/Lamp Head Interface	Approximately 190 Degrees

Electrical

Parameter	Value
Voltages	
Input Voltage	110 - 125 VAC 50/60 Hz 210 - 230 VAC 50/60 Hz
Bulb Voltage	11 – 12 VAC 90 W
Bulb life	2,000 hours (average)

Optical

Parameter	Value
Reflector	16.50" (419.1 mm) diameter, aluminum, multi-faceted
Performance	
Color temperature	4,000 °K
Focal length	39" (1 meter)
Central illuminance	6,520 foot-candles (70,180 Lux)
Light field diameter	5.61" (142.5 mm)
Depth of illumination	42.00" (1067 mm)
Light field diameter (d50)	3.76" (95.5 mm)
Illuminance (one mask)	560 foot-candles (6,027 Lux)
Illuminance (two masks)	1,974.19 foot-candles (21,250 Lux)
Illuminance at bottom of standard tube	6,520 foot-candles (70,180 Lux)
Illuminance at bottom of standard tube with one mask.	743 foot-candles (7,998 Lux)
Illuminance at bottom of standard tube with two masks	1,869.67 foot-candles (20,125 Lux)
Irradiance	81.21 W/m ²
CRI	89

Environmental

Parameter	Value
Operating Temperature	41 -104 ° F (5-40 °Celsius)
Storage Temperature Range	42 -113 ° F (5-45 °Celsius)
Humidity	10 - 90% Relative Humidity