

## Section 2

### Optical Specifications

Parameter	Value
Correlated Color Temperature	4,200 Kelvin $\pm$ 300°K
Irradiance	128 W/m <sup>2</sup> (1 m)
Color Rendering Index (CRI R1-R8=RA)	95
Color Rendering Index R9	95
Parameter	Value
Focal length	39.4" (1 meter)
Central illuminance (full intensity)	130,000 +/- 5K Lux.
Dimming – 5 Intensity Levels (Indicated by 5 LED's on 2 indicator strips located 180° apart)	100%    87.5%    75%    62.5%    50% 130,000    113,750    97,500    81,250    65,000
Endo Mode (12 LED's triangulated 120° apart)	8,500 Lux
Light field diameter (adjustable)	9.5" – 14" (229mm – 356mm)
Depth of illumination	32.3" (820mm)
Diameter (d50)	5.5" (127mm – 140mm)
Illuminance (one mask)	74,560 Lux (6,930 fc)
Illuminance (two masks)	62,408 Lux (5,800 fc)
Illuminance at bottom of standard tube	132,300 Lux (12,300 fc)
Illuminance at bottom of standard tube with one mask	72,630 Lux (6,750 fc)
Illuminance at bottom of standard tube with two masks	60,256 Lux (5,600 fc)

### Environmental Specifications

Parameter	Value
Ambient / Operating temperature	41°F to 104°F (5°C to 40° Celsius)
Storage temperature range	-4°F to 122°F (-20°C to 50° Celsius)
Humidity	10% - 90% relative humidity
Pressure	100 kPA (@ <2K meters)