

Section 2

Optical Specifications

Parameter	Value
Correlated Color Temperature	4,200 Kelvin \pm 300°K
Irradiance	128 W/m ² (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%
Endo Mode (12 LED's triangulated 120° apart)	130,000 113,750 97,500 81,250 65,000
Light field diameter (adjustable)	8,500 Lux
Depth of illumination	9.5" – 14" (229mm – 356mm)
Diameter (d50)	32.3" (820mm)
Illuminance (one mask)	5.5" (127mm – 140mm)
Illuminance (two masks)	74,560 Lux (6,930 fc)
Illuminance at bottom of standard tube	62,408 Lux (5,800 fc)
Illuminance at bottom of standard tube with one mask	132,300 Lux (12,300 fc)
Illuminance at bottom of standard tube with two masks	72,630 Lux (6,750 fc)
	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)