

PHOTOMETRICS Data for Imtra High Brightness MR16 LED Lamp

Model(s): ILGU5.3-3W12V-W (12V Warm White), ILGU5.3-3W24V-W (24V Warm White)

Light Source: WW Cree XRE LED

Current: 233 mA @ 12VDC, 116.5 mA @24VDC

Power: 2.796 Watts

Lens: molded plastic with diffuser

Color Temp CCT: 3372°K $x = 0.4140$ $y = 0.3971$ $\Delta uv = + 0.0009$

Distance: 39.37 inches (1.00 m)				
Position #	Angle [°]	Distance from Center point [inch]	Illuminance Avg of 4 measures [Fc]	Illuminance [Lux]
1	0	0	27.7	298
2	10	6.94	18.7	201
3	20	14.33	3.74	40.2
4	23	16.73	2.6	28
5	30	22.73	1.46	15.7
6	40	33.04	0.88	9.5

Beam angle FWHM = 26°

Integrated sphere measurements: Flux = 95.5 lm, CRI=83.3, CCT = 3380°K

Preheating time before measurement t = 120 minutes

Ambient Room Temperature Ta = 22.0 °C

Heat Sink Temperature Th = 56.0 °C

