



L.T.F.

SunLight2 Architectural Grade LED Bulb Series



120V AC GU10 8W LED Bulbs
High CRI & R9, Dim to Warm 3000K - 1800K


SunLight2



Not rated for enclosed fixtures

CCT (Dim to Warm)	3000K to 1800K
Max. Tc	90° C
Ambient Temp.	-30°C to 35°C
Power Factor	0.95
CRI, R9	97+, 96
Lumens	567 lm
Flicker Index	0.01
Percent Flicker	< 1%
Dimming	Phase Dimmable
InRush Cycle to Cycle	< 1 Amp



RoHS



FEATURES

- Superior Color Rendering CRI 97+, R9 96
- Dim to Warm; 3000K CCT dims to 1800K
- Low blue emission for circadian health
- Zero ultraviolet emission, won't fade colors
- Beam angles 24° or 36°
- Title 24 Compliant, low flicker < 1%
- 30,000 hours rating
- 3 years / 25k hours warranty

APPLICATIONS

- Color-critical task lighting
- Residential & hospitality lighting
- Museum and gallery lighting
- Color-critical retail displays (e.g, apparel, groceries, hard goods & toys)
- Track lighting, new & retrofit
- Desk lamps
- Indoor and Outdoor

ELECTRICAL SPECIFICATIONS

Model Number	Wattage	Input Voltage	CCT (Dim to Warm)	Beam Angle	Lumens	Case Finishes
GU10A8W3018KWD24	8W	120V AC	3000K Dims to 1800K	24°	567 lm	Silver, Black, White, Custom
GU10A8W3018KWD36				36°	567 lm	



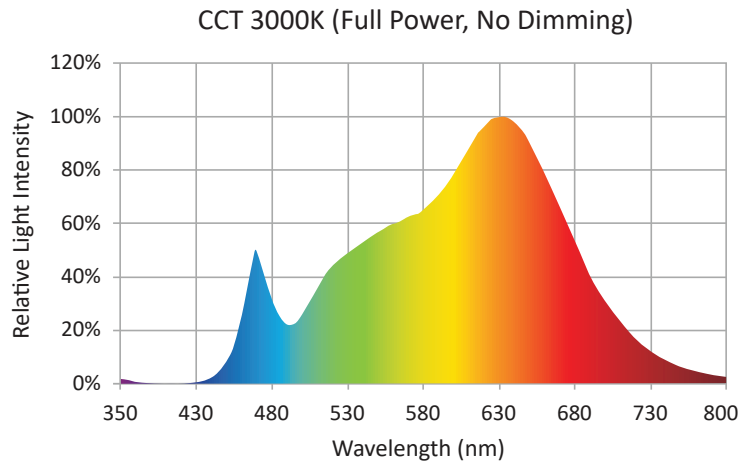
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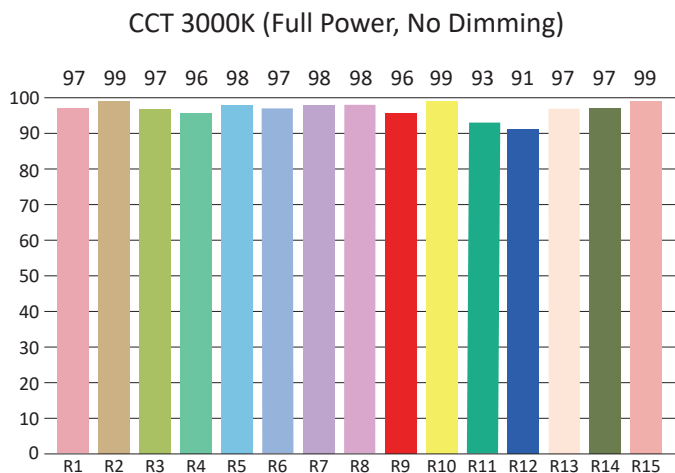
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SPECTRORADIOMETRIC CHARACTERISTICS



Luminous Flux: 566.73 lm
Radiant Flux: 2088mW
Efficacy: 66.7 lm/W
Nominal CCT: LED_3000K
 $x_0=0.4338$ $y_0=0.4030$
Chromaticity Coordinates:
 $x=0.4334$ $y=0.3962$ $u'=0.2517$ $v'=0.5177$
Chromaticity Difference: -0.00269Duv
CCT: 2995 K

CRI TEST RESULTS



Color Rendering Index (CRI): Ra = 97.3
Dominant Wavelength: 582.0 nm
Peak Wavelength: 635nm
Colour Fidelity Index: Rf=94
Gamut Index: Rg=103
Color Purity: 0.4934
Color Ratio: Kr=43.5% Kg=47.7% Kb=8.8%
Bandwidth: 172.3nm

R1=97	R2=99	R3=97	R4=96	R5=98	R6=97	R7=98	R8=98
R9=96	R10=99	R11=93	R12=91	R13=97	R14=97	R15=99	Re=97



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MECHANICAL SPECS

