



L.T.F.

SunLight2 Architectural Grade LED Bulb Series



120V AC PAR30 14W 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+, 90+
Lumens	936 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 90+
- 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
PAR30A14W3018KWD24	14W	120V AC	3000K Dims to 1800K	24°	936 lm	Silver, Black, White, Custom
PAR30A14W3018KWD36				36°	936 lm	



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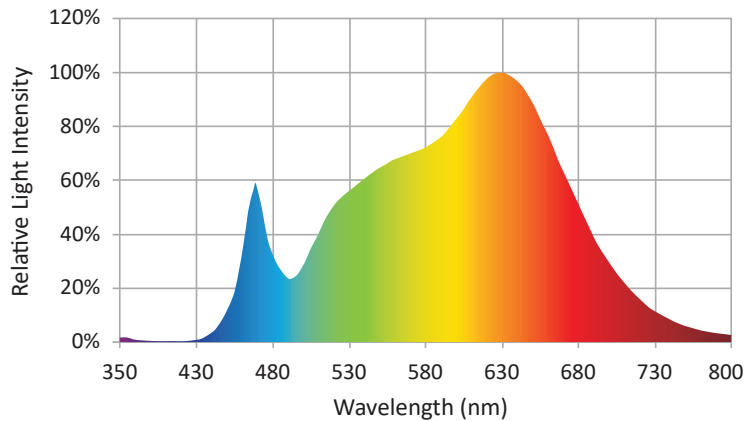
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SPECTRORADIOMETRIC CHARACTERISTICS

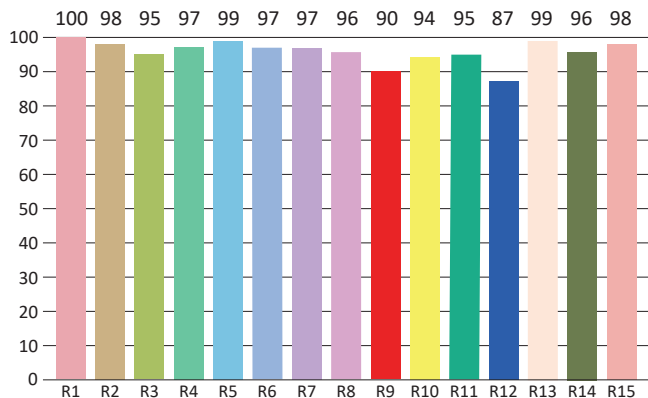
CCT 3000K (Full Power, No Dimming)



Luminous Flux: 935.71 lm
Radiant Flux: 3317 mW
Efficacy: 65.4 lm/W
Nominal CCT: LED_3000K
 $x_0=0.4338$ $y_0=0.4030$
Chromaticity Coordinates:
 $x=0.4208$ $y=0.3967$ $u'=0.2433$ $v'=0.516$
Chromaticity Difference: -0.00049 Duv
CCT: 3230 K

CRI TEST RESULTS

CCT 3000K (Full Power, No Dimming)



Color Rendering Index (CRI): Ra = 97.3
Dominant Wavelength: 581.0 nm
Peak Wavelength: 630 nm
Colour Fidelity Index: Rf = 94
Gamut Index: Rg=102
Color Purity: 0.4540
Color Ratio: Kr=41.4% Kg=49.4% Kb=9.2%
Bandwidth: 179.7 nm

R1=100	R2=98	R3=95	R4=97	R5=99	R6=97	R7=97	R8=96
R9=90	R10=94	R11=95	R12=87	R13=99	R14=96	R15=98	Re=96