



**L.T.F.**

## SunLight2 Architectural Grade LED Bulb Series



**120V AC PAR20 10W LED Bulbs**

**High CRI & R9, Dim to Warm 3000K - 1800K**



# SunLight2



Not rated for enclosed fixtures

<b>CCT (Dim to Warm)</b>	3000K to 1800K
<b>Max. Tc</b>	90° C
<b>Ambient Temp.</b>	-30°C to 35°C
<b>Power Factor</b>	0.95
<b>CRI, R9</b>	98, 97
<b>Lumens</b>	634 lm
<b>Flicker Index</b>	0.01
<b>Percent Flicker</b>	< 1%
<b>Dimming</b>	Phase Dimmable
<b>InRush Cycle to Cycle</b>	< 1 Amp



**RoHS**



### FEATURES

- Superior Color Rendering CRI 98, R9 97
- 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
PAR20A10W3018KWD24	10W	120V AC	3000K Dims to 1800K	24°	634lm	Silver, Black, White, Custom
PAR20A10W3018KWD36				36°	634lm	



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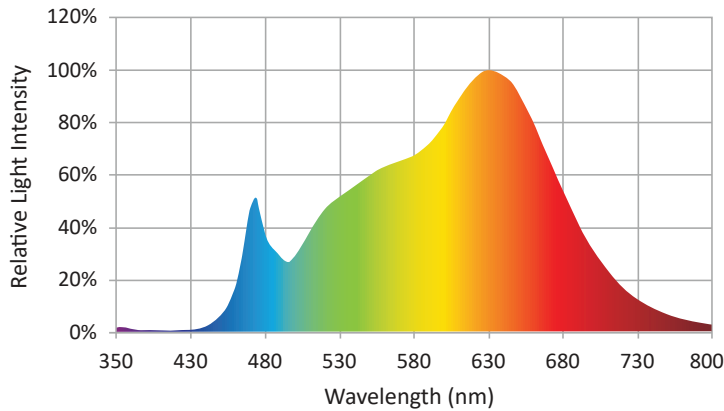
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## SPECTRORADIOMETRIC CHARACTERISTICS

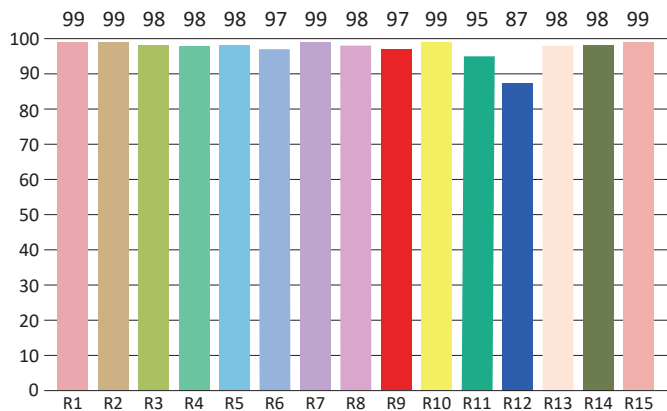
CCT 3000K (Full Power, No Dimming)



**Luminous Flux:** 634.38 lm  
**Radiant Flux:** 2300mW  
**Efficacy:** 66.9 lm/W  
**Nominal CCT:** LED\_3000K  
 $x_0=0.4338$   $y_0=0.4030$   
**Chromaticity Coordinates:**  
 $x=0.4297$   $y=0.4005$   $u'=-0.2474$   $v'=-0.5189$   
**Chromaticity Difference:** -0.0004Duv  
**CCT:** 3097 K

## CRI TEST RESULTS

CCT 3000K (Full Power, No Dimming)



**Color Rendering Index (CRI):** Ra = 98  
**Dominant Wavelength:** 581.0 nm  
**Peak Wavelength:** 635 nm  
**Colour Fidelity Index:** Rf=94  
**Gamut Index:** Rg=100  
**Color Purity:** 0.4937  
**Color Ratio:** Kr=42.5% Kg=48.3% Kb=9.2%  
**Bandwidth:** 180.1 nm

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



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### MECHANICAL SPECS

