

# A19 13W DIM. TITANIUM LED CRI<sup>SP</sup> SERIES 3.0



CRI<sup>SP</sup>



HIGH CRI



LED TECHNOLOGY

13W REPLACES



60W  
Inc.

80% Energy Savings

**\$128** Savings  
per lamp\*

- Meets CEC's California Quality Spec
- Exceptional color rendering CRI 92
- Richer reds and natural skin tones (R9 60, R13 98)
- Perfectly omnidirectional
- Tight LED binning for consistent CCT across all lamps
- High efficacy 62 LPW in Warm White



LM 79

LM 80

TM 21



30,000 H



DIMMABLE



EFFICACY



WARRANTY



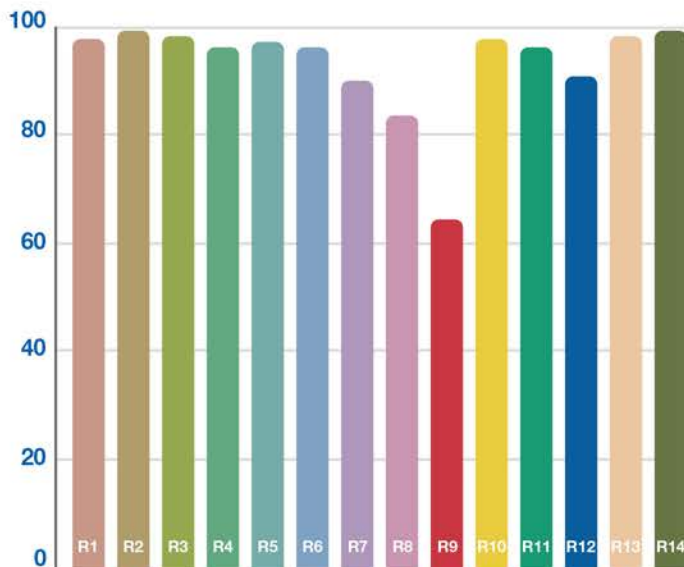
CRI (Ra)



NICHIA

## COLOR RENDERING INDEX & CALIFORNIA QUALITY SPEC

CRI Values R1-R14



The CRI<sup>SP</sup> SERIES A19 13W lamp features the latest in color rendering LED technology. With a typical CRI 92, R9 60, and R13 98, this high-performance lamp provides crisp and vibrant colors across the whole spectrum.

CRI is calculated by taking the average value from colors R1-R8. So while some LEDs may claim to have a high CRI, they may do a poor job portraying other key colors like R9 (reds) and R13 (skin tones).

The CRI<sup>SP</sup> SERIES A19's exceptional R9-R14 values (R9 60, R13 98) provide redder reds, natural looking skin tones, and whiter whites. This lamp is not only ENERGY STAR qualified but also meets the more stringent California Quality Specification set forth by the California Energy Commission (CEC).

In addition to requiring a CRI of 90 or above, the California Quality Spec demands color temperatures fall within a 4-step Macadam ellipse to ensure minimal color deviation across lamps.

More CEC information available at [www.gc-lighting.com](http://www.gc-lighting.com)

**Lighting facts** Per Bulb, **Brightness** 800 lumens

**Estimated Yearly Energy Cost** \$1.57

(Based on 3 hrs/day, 11 ¢/kWh. Cost depends on rates and use)

**Life** 27.4 years (Based on 3 hrs/day), **Energy Used** 13 watts

**Light Appearance** 2700K

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## APPLICATIONS

### Up-lighting



### Wall Lighting



### Downlighting



## LIGHTING

### Incandescent



### 13W LED



### Other LED



## SPECIFICATIONS

Product Model	40640 13A19G3DIM/927
Type	A19
Base	E26
Power (W)	13
Voltage - Frequency	120V 60Hz
Color Temp. (ANSI)	Warm White 2700K
CRI (Ra) (typ.)	92
R9 / R13 (typ.)	60 / 98
Typical lumens (lm)	800
Efficacy (LPW)	62
Beam Angle	325°
Dimmable	Yes**
Power Factor	0.9
Rated Lifetime - L70 (hrs.)	30,000
Dia. x MOL	2.36"x4.53" (60x115mm)
Weight (lb. / g)	0.3lb. / 136g

\* Savings per lamp based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, \$2 incandescent with 1000 hour lifetime, \$29 LED with 30,000 hr lifetime

\*\* List of tested dimmer switches available on website

\*\*\* Not intended for use in totally enclosed fixtures

\*\*\*\* Suitable for damp locations. Not for use where directly exposed to weather or water