Ultra High 95 CRI E26 BR30 LED Bulb for Home & Residential

PN 4011.27 | 4011.30

Waveform Lighting's ultra high CRI technology is now available for your home in a standard E26 BR30 form factor. Our bulbs are available in both 2700K and 3000K with 95

The BR30 form factor provides light emission in a 120 degree range, which means you can aim the light in the direction it matters most. Despite the directional light output, with our built-in SoftLight ™ diffuser technology, you will see fewer hard shadows, creating a warm and inviting atmosphere.

Whether you're looking for a true replacement for an incandescent bulb or need color accuracy for your latest hobby, ultra high CRI LED bulbs will be sure to bring out the true colors in your home.

PRODUCT FEATURES

- · Available in both 2700K (incandescent) or 3000K (halogen)
- 95+ CRI and R9 > 80
- 800 lumens (60 watt incandescent equivalent)
- Ultra-low flicker of 6% or less
- Dimmable, not compatible with fully enclosed fixtures
- · For indoor use only



MECHANICAL DIMENSIONS

ELECTRICAL SPECIFICATIONS

Input type:	AC line voltage
Input voltage:	90-240V AC, 50-60 Hz
Power consumption:	10.5 watts
Current draw:	90 mA
Power factor:	0.9+

MECHANICAL SPECIFICATIONS

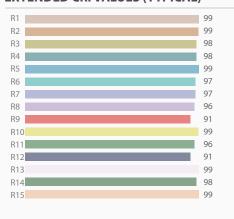
Length:	5.34 in (135 mm)
Bulb diameter:	3.75 in (95 mm)
Base:	E26

PHOTOMETRIC SPECIFICATIONS

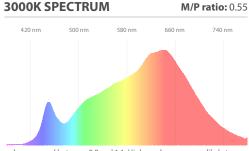
Light output:	800 lumens
2700K CCT:	2700K ± 50K
3000K CCT:	3000K ± 50K
2700K Duv:	0.0000 ± 0.0010
3000K Duv:	0.0000 ± 0.0010
2700K CIE xy:	(0.4598, 0.4106)
3000K CIE xy:	(0.4371, 0.4040)
Beam angle:	320°
CRI Ra:	95+
CRI R9:	80+
CRI R13:	90+
TM-30-15 Rf/ Rg*:	90+/100
*F	AE

^{*}For additional detail on TM-30-15 metrics for this product, please e our separate test report documentation

EXTENDED CRI VALUES (TYPICAL)



2700K SPECTRUM M/P ratio: 0.49 420 nm 580 nm 660 nm 740 nm



The M/P ratio describes a light source's potential to influence the human circadian cycle, measured between 0.0 and 1.1. Higher values are more likely to affect the circadian cycle. M/P ratio calculations are based on Well Building's Equivalent Melanopic Lux methodology (2018).

PRODUCT LIMITATIONS



NOT COMPATIBLE WITH COMPLETELY ENCLOSED FIXTURES - this lamp is not designed or approved for use in completely enclosed fixtures. Completely enclosed fixtures create an airtight space where insufficient ventilation can cause thermal buildup and premature lamp failure. Lamp fixtures with any kind of air gap or opening are not considered completely enclosed, and therefore can be used without any issues.



NOT WATERPROOF - this lamp is not designed to be waterproof, and should not be exposed directly to water. Use in damp locations where ambient moisture is present (bathrooms, covered outdoor areas), is permissible as long as water does not come in direct contact with the lamp.

FLICKER METRICS

Flicker (%):	<6%
Flicker index:	<0.02
Flicker frequency:	120 Hz

For reference, incandescent bulbs typically exhibit 12% flicker, a flicker index value of 0.03, and a flicker frequency of 120 Hz.

LIFETIME INFORMATION

Warranty period:	36 months (3 years)
Lifetime (L90):	25,000 hours

PART NUMBERS AND ORDERING

2700K:	4011.27
3000K:	4011.30

For BR20 and BR40 versions, see PN 4010 and 4012. For 4000K, 5000K, and 6500K versions, see PN 4011.40, 4011.50, 4011.56, and 4011.65

CERTIFICATIONS





CAUTION: RISK OF ELECTRIC SHOCK. USE IN DRY LOCATIONS ONLY. NOT FOR TOTALLY ENCLOSED LUMINAIRES.

