

Ultra High 95 CRI E26 BR40 LED Bulb for Home & Residential

PN 4012.27 | 4012.30

Waveform Lighting's ultra high CRI technology is now available for your home in a standard E26 BR40 form factor. Our bulbs are available in both 2700K and 3000K with 95 CRI.

The BR40 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
- 1260 lumens (14 watt incandescent equivalent)
- Ultra-low flicker of 6% or less
- Dimmable, not compatible with fully enclosed fixtures
- For indoor use only

MECHANICAL DIMENSIONS
(1:2 SCALE)



ELECTRICAL SPECIFICATIONS

Input type:	AC line voltage
Input voltage:	90-240V AC, 50-60 Hz
Power consumption:	14 watts
Current draw:	117 mA
Power factor:	0.9+

MECHANICAL SPECIFICATIONS

Length:	6.41 in (163 mm)
Bulb diameter:	4.72 in (120 mm)
Base:	E26

PHOTOMETRIC SPECIFICATIONS

Light output:	1260 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

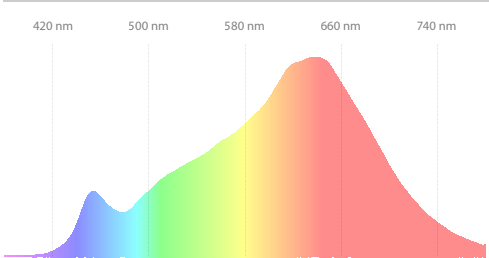
*For additional detail on TM-30-15 metrics for this product, please see our separate test report documentation.

EXTENDED CRI VALUES (TYPICAL)

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

2700K SPECTRUM

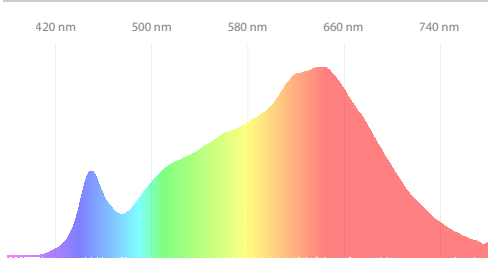
M/P ratio: 0.49



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).

3000K SPECTRUM

M/P ratio: 0.55



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:	4012.27
3000K:	4012.30

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.

