



BR20 LED Bulb, 7W, E27 Socket, 5000K, 0-10V Dimmable, CRI 85

- 7W consumption with 50,000-hour rated LED lifetime
- 120° beam angle for broad, even light distribution
- 0-10V dimmable for adjustable brightness control
- CRI of 85 for accurate color rendering
- Compact 50mm(D) x 88mm(H) form factor
- RoHS and CE certified, 1-year warranty

OVERVIEW

The BR20 7W LED bulb is a direct replacement for incandescent BR20 lamps, suited for recessed fixtures in commercial, hospitality, and residential applications. It operates on 120VAC with an E27 socket and produces a 5000K daylight color temperature with a CRI of 85 for accurate color rendering. The bulb supports 0-10V dimming when paired with a compatible dimmer.

At 7W, the bulb is rated for a 50,000-hour LED lifetime and a 120° beam angle, delivering broad, even light distribution. Overall dimensions are 50mm diameter by 88mm height.

The bulb carries RoHS and CE certification and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	500 lm/W
Color Temperature	5,000 K
CRI	85
Beam Angle	120°
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	50mm(D)*88mm(H)
Finish	White
Base Type	E27 Socket

ELECTRICAL

Operating Voltage	120 V
Wattage	7 W
Dimmer Type	0 - 10V

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

CE

CE

APPLICATIONS

- Recessed residential fixtures
- Hospitality guest room lighting
- Commercial retail downlighting
- General ambient room lighting

slug	value	source	confidence
efficacy_lm_per_w	500 lm/W	db	high
cct_k	5,000 K	pdf	high
cri	85	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120 V	db	high
wattage	7 W	db	high
dimmer_type	0 - 10V	db	high
product_dimensions	50mm(D)*88mm(H)	db	high
finish	White	db	high
base_type	E27 Socket	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY