



LED Corn Bulb, E27 Mogul Base, 54W, 5000K, 80 CRI, 360° Beam

- E27 mogul base for direct retrofit into existing fixtures
- 54W power draw with 130 lm/W luminous efficacy
- 5000K daylight color temperature with 80 CRI
- 360° beam angle for omni-directional distribution
- Rated for 50,000-hour LED lifetime
- Operates in ambient temperatures down to -25°C

OVERVIEW

The 54W LED Corn Bulb with E27 mogul base is designed for industrial and commercial retrofit applications, replacing traditional HID or incandescent lamps in fixtures requiring a standard mogul socket. It provides omni-directional 360° illumination suited for high-bay and area lighting installations.

This bulb operates across an input voltage range of 120-240V, drawing 54W and delivering a luminous efficacy of 130 lm/W. It produces a 5000K daylight color temperature with a CRI of 80, suitable for warehouses, parking structures, and commercial interiors where broad-spectrum illumination is required.

The bulb carries a rated LED lifetime of 50,000 hours and an ambient operating temperature down to -25°C, with a 1-year limited warranty.

SPECIFICATIONS

OPTICAL

Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	360°
LED Lifetime	50,000 h

MECHANICAL

Mounting	E27 Mogul Base
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ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	54 W

ENVIRONMENTAL

Ambient Operating Temperature	-25 °C -13 °F
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APPLICATIONS

- High-bay warehouse lighting
- Parking structure and garage lighting
- Commercial interior area lighting
- Industrial facility retrofits

slug	value	source	confidence
efficacy_lm_per_w	130 lm/W	pdf	high
cct_k	5,000 K	pdf	high
cri	80	db	high
beam_angle_deg	360°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	54 W	db	high
mount_type	E27 Mogul Base	pdf	medium
ambient_temp_c	- 25 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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