



LED Corn Bulb, 54W, E39 Mogul Base, 5000K CCT, IP64, 120-240V

- 54W power draw with luminous efficacy of 130 lm/W
- 5000K CCT for cool daylight-quality illumination
- CRI rated at 80 for reliable color rendering
- IP64 rating suited to indoor and outdoor installations
- Aluminum housing supports heat dissipation for LED longevity
- Operates on 120-240V input across a wide voltage range

OVERVIEW

The 54W LED Corn Bulb with an E39 mogul base is designed as a direct replacement for high-wattage HID, metal halide, and high-pressure sodium lamps in commercial and industrial applications. Its form factor suits area lighting fixtures, wall packs, and post-top luminaires where an E39 base is standard.

The bulb operates at 54W with a luminous efficacy of 130 lm/W and a 5000K CCT, producing cool daylight-quality light suited to task-oriented environments. CRI is rated at 80 for reliable color rendering, and the IP64 rating supports both indoor and outdoor installations where moisture and dust exposure are a concern. The aluminum housing aids heat dissipation for extended LED lifetime, rated at 50,000 hours.

SPECIFICATIONS

OPTICAL

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

MECHANICAL

Material	Aluminum
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ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	54 W

ENVIRONMENTAL

IP Rating	IP64
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APPLICATIONS

Area lighting fixtures

Wall pack luminaires

Post-top fixtures

Warehouse and industrial high-bay retrofits

Outdoor commercial lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	130 lm/W	pdf	high
cct_k	5,000 K	pdf	high
cri	80	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120-240 V	db	high
wattage	54 W	db	high
material	Aluminum	db	high
ip_rating	IP64	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.