



E40 Mogul Base LED Corn Light, 80W, 5000K, 130 lm/W Efficacy, IP64

- 80W power draw with 130 lm/W luminous efficacy
- 5000K color temperature with CRI of 75
- 360° beam angle for omnidirectional light distribution
- Aluminum housing for heat dissipation
- Rated 50,000 hour LED lifetime
- IP64 rated for dust and water splash resistance

OVERVIEW

The 8-E40-CN80-5K-UL is an 80W LED corn bulb with an E40 mogul base, designed as a direct replacement for high-wattage HID, metal halide, and high-pressure sodium fixtures in commercial and industrial applications such as warehouses, parking structures, and street lighting.

This lamp operates on 120-240V AC, making it compatible with a range of electrical systems. It delivers a luminous efficacy of 130 lm/W at a 5000K color temperature, with a CRI of 75 and a 360° beam angle for omnidirectional coverage. The aluminum housing supports heat dissipation, and the lamp carries an IP64 rating for protection against dust ingress and water splashes, supporting use in demanding indoor and semi-outdoor environments.

The fixture is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	75
Beam Angle	360°
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	80 W

ENVIRONMENTAL

IP Rating	IP64
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APPLICATIONS

- Warehouses and distribution centers
- Parking structures and garages
- Street and roadway lighting
- High-bay industrial facilities
- Retrofit replacement for HID and metal halide fixtures

slug	value	source	confidence
efficacy_lm_per_w	130 lm/W	pdf	high
cct_k	5,000 K	pdf	high
cri	75	db	high
beam_angle_deg	360°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	80 W	db	high
material	Aluminum	db	high
ip_rating	IP64	pdf	medium
warranty_years	1 y	db	high

Specifications subject to change without notice.

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