



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

- 120W power consumption replaces higher-wattage HID lamps
- Delivers 15,600 lumens at 130 lm/W efficacy
- 5000K color temperature with CRI of 80
- E39 mogul base enables direct retrofit installation
- Rated for damp locations with dust and moisture protection
- Operates on 120-240V input with 50,000 hour LED lifetime

OVERVIEW

The 120W LED Corn Bulb with E40 mogul base is a direct replacement for high-wattage HID, HPS, and metal halide lamps. It is suited for commercial and industrial applications including area lighting, parking structures, warehouses, and post-top fixtures where high-output illumination is required. This lamp operates at 120W and delivers cool white light at 5000K with a CRI of 80. It carries a power factor greater than 0.9, indicating efficient power utilization, and is rated for damp locations with protection against dust and moisture ingress, making it appropriate for covered outdoor and semi-exposed indoor environments. Rated luminous efficacy is 130 lm/W with an LED lifetime of 50,000 hours.

SPECIFICATIONS

OPTICAL

Luminous Flux	15,600 lm
Efficacy	130 lm/W
Color Temperature	5,000 K
CRI	80
LED Lifetime	50,000 h

MECHANICAL

Finish	Black
Material	Clear cover

ELECTRICAL

Operating Voltage	120-240 V
Wattage	120 W

ORDERING

Warranty	1 y
----------	-----

APPLICATIONS

Parking structures Warehouses and industrial high-bay spaces Outdoor area lighting Post-top fixtures Covered loading docks

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	15,600 lm	pdf	medium
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	120 W	db	high
finish	Black	db	high
material	Clear cover	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.