



LED Corn Light, 100W E39 Mogul Base, 5000K, 115200 Lm, IP65

- 100W E39 mogul-base corn LED bulb replaces HID fixtures
- 5000K color temperature with CRI 85 for accurate color rendering
- 115,200 lumen output for large-area illumination
- IP65 rated for water and dust resistance
- Epister SMD2835 LED chip with 50,000 hour rated lifetime
- 360° beam angle for omnidirectional light distribution

OVERVIEW

The 8-CN100W-E39UL is a 100W E39 mogul-base corn LED bulb intended for commercial and industrial applications including high-bay fixtures, area lighting, and post-top luminaires requiring a direct HID replacement.

The bulb operates at 100W and 120-240Vac, producing a 5000K neutral white output with a CRI of 85 for accurate color rendering. Luminous flux is rated at 115,200 lumens, suited for large interior and exterior spaces, with a 360° beam angle for omnidirectional coverage. The unit uses an Epister SMD2835 LED chip rated for 50,000 hours of operation and carries an IP65 rating for water resistance.

The fixture is backed by a 1 year limited warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	115,200 lm
Efficacy	1,500 lm/W
Color Temperature	5,000 K
CRI	85
Beam Angle	360°
LED Chip Type	Epister, UL
LED Lifetime	50,000 h
Light Color	White
Lens Type	Acrylic

MECHANICAL

Product Dimensions	4.5 inchesx10.5 inches
Base Type	E27 Socket

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	100 W

ENVIRONMENTAL

IP Rating	IP65
Environmental Rating	Water Resistant

APPLICATIONS

- High-bay warehouse fixtures
- Parking lot and area lighting
- Post-top luminaires
- Industrial facility lighting
- HID retrofit installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	115,200 lm	pdf	high
efficacy_lm_per_w	1,500 lm/W	db	high
cct_k	5,000 K	pdf	high
cri	85	db	high
beam_angle_deg	360°	db	high
led_chip_type	Epister, UL	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
lens_type	Acrylic	db	high
operating_voltage	120–240 V	db	high
wattage	100 W	db	high
product_dimensions	4.5 inchesx10.5 inches	db	high
base_type	E27 Socket	db	high
ip_rating	IP65	db	high
environmental_rating	Water Resistant	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.