



24W E27 U-Shape LED Corn Bulb, Cool White 6500K, 1920 lm, 80 lm/W

- Delivers 1,920 lumens at 24W for an efficacy of 80 lm/W
- 360° beam angle for omnidirectional area coverage
- CRI greater than 70 for accurate color rendering
- Operates across 120-240V input for broad compatibility
- Aluminum and glass housing rated to -25°C ambient
- Rated LED lifetime of 50,000 hours reduces replacement frequency

OVERVIEW

The 8-E27-CN-U24-6K is a 24W E27 U-shape LED corn bulb suited for general commercial and industrial lighting where a direct replacement for high-wattage HID or CFL lamps is needed. The E27 base allows installation in compatible fixtures without additional hardware.

This bulb delivers 1,920 lumens at an efficacy of 80 lm/W, operating on 120-240V input across a 360° beam angle. It produces a cool white 6500K output with a CRI of 70 or greater, suitable for task and area lighting where color accuracy is a secondary consideration. Power factor exceeds 0.60, and rated LED lifetime is 50,000 hours. The aluminum and glass construction supports heat dissipation during continuous operation, and the bulb is rated for ambient temperatures down to -25°C.

This product carries a 2-year warranty covering defects in materials and workmanship.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,920 lm
Efficacy	80 lm/W
Color Temperature	6,500 K
CRI	70
Beam Angle	360°
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	(H)17.5cm*(W)5.7cm
Finish	White
Material	Aluminum+Glass
Weight	0.3 lb

ORDERING

Warranty	2 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	24 W

ENVIRONMENTAL

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

- Warehouse and industrial high-bay fixtures
- Commercial fixture retrofits replacing HID or CFL lamps
- Parking garage and area lighting
- Workshop and utility space lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,920 lm	db	high
efficacy_lm_per_w	80 lm/W	pdf	high
cct_k	6,500 K	pdf	high
cri	70	db	high
beam_angle_deg	360°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	24 W	db	high
product_dimensions	(H)17.5cm*(W)5.7cm	db	high
finish	White	db	high
material	Aluminum+Glass	db	high
weight	0.3 lb	db	high
ambient_temp_c	-25 °C	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.