



E40 Corn Light, 120W, 6000K, 15000lm, IP65 Rated

- 120W draw across 120-240VAC input range
- 15,000 lumens at 6000K color temperature
- CRI of 85 for accurate color rendering
- Epistar SMD2835 chip platform, 125 lm/W efficacy
- 50,000-hour rated LED lifetime
- IP65-rated housing with clear acrylic cover, 360° beam angle

OVERVIEW

The 120W E40 LED corn light replaces high-wattage HID, HPS, and metal halide lamps in fixtures using an E40 mogul base. Typical applications include high-bay warehouses, parking structures, street lighting, and other large-area indoor or outdoor installations.

The fixture draws 120W and operates across a 120-240VAC input range, producing 15,000 lumens at 6000K with a CRI of 85. The Epistar SMD2835 chip platform delivers 125 lm/W efficacy and a rated LED lifetime of 50,000 hours. A clear acrylic cover provides a 360° beam angle for even light distribution, and the IP65-rated housing resists dust and water ingress.

The fixture carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	15,000 lm
Efficacy	125 lm/W
Color Temperature	6,000 K
CRI	85
Beam Angle	360°
LED Chip Type	SMD2835
LED Lifetime	50,000 h
Lens Type	Acrylic
Distribution Type	Type I

MECHANICAL

Finish	White
Material	Clear cover

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	120 W

ENVIRONMENTAL

IP Rating	IP65
Environmental Rating	Water Resistant

APPLICATIONS

- High-bay warehouse lighting
- Parking structure illumination
- Street and area lighting
- HID/HPS/metal halide fixture retrofit
- Large-area indoor or outdoor installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	15,000 lm	pdf	high
efficacy_lm_per_w	125 lm/W	db	high
cct_k	6,000 K	pdf	high
cri	85	db	high
beam_angle_deg	360°	db	high
led_chip_type	SMD2835	db	high
led_lifetime_h	50,000 h	db	high
lens_type	Acrylic	db	high
distribution_type	Type I	db	high
operating_voltage	120–240 V	db	high
wattage	120 W	db	high
finish	White	db	high
material	Clear cover	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.