



50W E27 LED High Power Light Bulb,
4,000 lm, 80 lm/W, 100 SMD2835
Chips

- 50W E27 screw - base bulb rated for 4,000 lumens output
- Efficacy of 80 lm/W for reduced energy consumption
- 100 SMD2835 LED chips arranged for high power output
- CRI of 70 and power factor of 0.60
- Rated LED lifetime of 50,000 hours
- Operates on 120-240V input for broad compatibility

OVERVIEW

The 8-E27-50W-HPB is a 50W E27 -base LED high -power bulb designed for commercial and industrial retrofit applications requiring high lumen output in a standard screw -base form factor.

This bulb delivers 4,000 lumens at an efficacy of 80 lm/W, powered by an array of 100 SMD2835 LED chips. It carries a CRI of 70, a power factor of 0.60, and operates across a 120-240V input range with a rated LED lifetime of 50,000 hours.

The bulb is backed by a 2 -year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	4,000 lm
Efficacy	80 lm/W
CRI	70
LED Chip Type	SMD2835
LED Density	100 LEDs/m
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	5 × 5 × 9.5 in
Weight	0.9 lb

ELECTRICAL

Operating Voltage	120-240 V
Wattage	50 W

ORDERING

Warranty	2 y
----------	-----

APPLICATIONS

- High-bay warehouse fixtures
- Commercial retrofit lighting
- Industrial workspace illumination
- Parking structure luminaires
- Large enclosed fixture replacements

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	4,000 lm	pdf	high
efficacy_lm_per_w	80 lm/W	pdf	high

slug	value	source	confidence
cri	70	pdf	high
led_chip_type	SMD2835	pdf	high
led_density	100 LEDs/m	pdf	medium
led_lifetime_h	50,000 h	db	high
operating_voltage	120~240 V	db	high
wattage	50 W	db	high
product_dimensions	5 × 5 × 9.5 in	db	high
weight	0.9 lb	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.

REVIEW COPY