



E12 Candelabra Light Bulb Socket, PBT, 5A, 120–240V

- Molded from PBT for thermal and electrical insulation
- Rated for 120–240V input across a wide voltage range
- 5A current capacity for standard lamp connections
- Withstands continuous operating temperatures up to 100°C
- Rated component life of 50,000 hours
- Backed by a 1-year manufacturer warranty

OVERVIEW

The S-E12 is a candelabra-base lamp socket designed for use with E12 base bulbs across a range of residential and commercial lighting fixtures. Constructed from PBT (polybutylene terephthalate), the socket provides reliable thermal and electrical insulation suited to both retrofit and new-construction applications.

The socket is rated for 120V to 240V input and carries a 5A current capacity, supporting safe and efficient lamp connections across standard supply voltages. It is rated to withstand continuous operating temperatures up to 100°C, reducing the risk of heat-related degradation in enclosed or thermally demanding fixture environments, and carries a rated component life of 50,000 hours.

The socket is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ELECTRICAL

Operating Voltage	120–240 V
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Current Draw	5 A
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MECHANICAL

Material	PBT
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ENVIRONMENTAL

Ambient Operating Temperature	100 °C 212 °F
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ORDERING

Warranty	1 y
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APPLICATIONS

Residential lighting fixtures

Commercial lighting fixtures

Retrofit lamp installations

Chandeliers and decorative fixtures

Ceiling-mounted luminaires

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
current_draw	5 A	pdf	high
material	PBT	pdf	high
ambient_temp_c	100 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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