



LED Step Light 5W 120V AC IP65  
Outdoor Rated, 6000K, 6.5 x 2.5 in,  
White

- Operates at 5W on 120V AC
- IP65 rated for wet and exposed outdoor locations
- 6000K color temperature with 85 CRI
- 45° beam angle for directional stair illumination
- 90 lm/W efficacy with 50,000 hour LED lifetime
- Backed by a 1-year warranty

OVERVIEW

The 1-WS9x5-5W is a surface-mount LED step light designed for illuminating stairs, decks, hallways, and similar indoor or outdoor transition areas. Its compact form factor and white finish suit a range of architectural applications where low-profile, functional lighting is required.

The fixture operates at 5W on 120V AC and delivers a 6000K color temperature with 85 CRI and a 45° beam angle. Efficacy is rated at 90 lm/W with an LED lifetime of 50,000 hours. It carries an IP65 rating, making it suitable for wet and exposed outdoor installations. The overall installed size is 225 × 125mm, with an open (cutout) dimension of 125 × 125mm.

The fixture is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

|                   |          |
|-------------------|----------|
| Efficacy          | 90 lm/W  |
| Color Temperature | 6,000 K  |
| CRI               | 85       |
| Beam Angle        | 45°      |
| LED Lifetime      | 50,000 h |
| Light Color       | White    |

MECHANICAL

|                    |           |
|--------------------|-----------|
| Product Dimensions | 225*125mm |
| Finish             | Black     |
| Weight             | 2 lb      |

ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

ELECTRICAL

|                   |       |
|-------------------|-------|
| Operating Voltage | 120 V |
| Wattage           | 5 W   |

ENVIRONMENTAL

|           |      |
|-----------|------|
| IP Rating | IP65 |
|-----------|------|

APPLICATIONS

- Exterior stair treads
- Deck and patio edges
- Outdoor walkway steps
- Hallway transition lighting
- Commercial building entryways

| slug               | value     | source | confidence |
|--------------------|-----------|--------|------------|
| efficacy_lm_per_w  | 90 lm/W   | db     | high       |
| cct_k              | 6,000 K   | db     | high       |
| cri                | 85        | db     | high       |
| beam_angle_deg     | 45°       | db     | high       |
| led_lifetime_h     | 50,000 h  | db     | high       |
| color              | White     | db     | high       |
| operating_voltage  | 120 V     | db     | high       |
| wattage            | 5 W       | db     | high       |
| product_dimensions | 225*125mm | db     | high       |
| finish             | Black     | db     | high       |
| weight             | 2 lb      | db     | high       |
| ip_rating          | IP65      | db     | high       |
| warranty_years     | 1 y       | db     | high       |

Specifications subject to change without notice.

REVIEW COPY