



LED Step Light, 2W 120V AC, 4x2 In.
Surface Mount, IP65, 6000K

- Operates on 120V AC at 2W draw
- IP65 rated for dust-tight and water-spray resistant installation
- 6000K color temperature with 85 CRI for accurate color rendering
- 45° beam angle for directed step and accent lighting
- Compact 4×2 in. surface-mount housing for low-profile installs
- 50,000-hour LED lifetime at 90 lm/W efficacy

OVERVIEW

The 1-WS4×2-2W is a compact surface-mount LED step light designed for indoor and outdoor applications, including stairways, walkways, and accent lighting installations. Its low-profile 4×2 in. form factor suits new construction and retrofit projects where unobtrusive fixture placement is required.

The fixture operates on 120V AC and draws 2W, delivering a 6000K color temperature with a CRI of 85 and a 45° beam angle for focused illumination. An IP65 ingress protection rating confirms the unit is dust-tight and protected against directed water spray, suiting covered outdoor and wet-location indoor use. Rated efficacy of 90 lm/W and an LED lifetime of 50,000 hours support long-term operation with reduced maintenance.

The fixture carries 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

MECHANICAL

Product Dimensions	4×2mm
Mounting	Surface mount

ORDERING

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

ELECTRICAL

Operating Voltage	120 V
Wattage	2 W

ENVIRONMENTAL

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

APPLICATIONS

- Exterior stairways
- Deck and walkway edge lighting
- Covered patios and porches
- Accent lighting for landscaping
- Wet-location indoor stairwells

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
operating_voltage	120 V	db	high
wattage	2 W	db	high
product_dimensions	4×2mm	db	high
mount_type	Surface mount	pdf	medium
ip_rating	IP65	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY