



12W LED Garden Spot Spike Light, 12Vdc, 4000K, IP65 Aluminum Housing

- 12W power draw at 12Vdc operating voltage
- Epistar SMD3528 LED chips rated at 90 lm/W efficacy
- 4000K neutral white color temperature with CRI 85
- IP65 rating for dust and water jet protection
- Aluminum housing with 50,000 -hour LED lifetime
- 1-year warranty coverage

OVERVIEW

The 1-G12-4K-SPOT-12V is a 12W LED spike light designed for outdoor landscape applications including pathways, gardens, and ground-level accent lighting. Constructed from aluminum, it offers a compact form factor suited for direct ground installation.

The fixture operates at 12Vdc and uses Epistar SMD3528 LED chips to deliver a 4000K neutral white output at 90 lm/W efficacy with a CRI of 85. An IP65 rating provides protection against dust ingress and water jets, making it suitable for year-round outdoor use, with an LED lifetime rated at 50,000 hours. The unit includes a 0.4M lead wire for field wiring connections.

The fixture carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	90 lm/W
Color Temperature	4,000 K
CRI	85
LED Chip Type	SMD3528
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	20 × 14 × 14 in
Finish	Black
Material	Aluminum
Weight	24 lb

ORDERING

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

ELECTRICAL

Operating Voltage	12 V
Wattage	12 W

ENVIRONMENTAL

IP Rating	IP65
Environmental Rating	Waterproof

APPLICATIONS

- Garden pathway lighting
- Landscape accent lighting
- Ground-level spike installation
- Outdoor perimeter lighting

slug	value	source	confidence
efficacy_lm_per_w	90 lm/W	db	high
cct_k	4,000 K	pdf	high
cri	85	db	high
led_chip_type	SMD3528	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	12 W	db	high
product_dimensions	20 × 14 × 14 in	db	high
finish	Black	db	high
material	Aluminum	db	high
weight	24 lb	db	high
ip_rating	IP65	db	high
environmental_rating	Waterproof	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY