



Round Underground LED Light, 1W 12VDC 6000K, IP65, 42mm Diameter

- Compact 42*80mm round housing in stainless steel and aluminum
- Delivers 80 lumens at 6000K with a 45-degree beam angle
- IP65 rated for dust and water jet protection in underground use
- Operates at 12VDC, drawing 1W with CRI 80
- Rated for -20°C to 40°C ambient operating temperature
- 50,000-hour LED lifetime with 1-year warranty

OVERVIEW

The 1W Underground LED Light is a compact in-ground fixture designed for outdoor landscape and architectural lighting applications. Its low-profile 42mm diameter housing is constructed from stainless steel and aluminum, suitable for installation in pedestrian and decorative grade environments.

Operating at 12VDC, the fixture draws 1W and produces 80 lumens at 6000K with a 45-degree beam angle and a CRI of 80. Rated LED lifetime is 50,000 hours. The IP65 rating provides protection against dust ingress and water jets, and the fixture is rated for ambient temperatures from -20°C to 40°C. A 0.4-meter lead wire is included to simplify field wiring and placement.

This fixture carries a 1-year warranty and is CE marked.

SPECIFICATIONS

OPTICAL

Luminous Flux	80 lm
Color Temperature	6,000 K
CRI	80
Beam Angle	45°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	4.2*8cm
Finish	Black + Silver
Material	Stainless steel + Aluminum

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	1 W
Wire Length	15.7 in

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-20-40 °C -4-104 °F



CE

APPLICATIONS

- In - ground landscape accent lighting
- Pathway and walkway illumination
- Architectural facade uplighting
- Decorative garden and hardscape lighting
- Commercial outdoor grounds lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	80 lm	db	high
cct_k	6,000 K	db	high
cri	80	db	high
beam_angle_deg	45°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	12 V	db	high
wattage	1 W	db	high
wire_length	15.7 in	pdf	medium
product_dimensions	4.2*8cm	db	high
finish	Black + Silver	db	high
material	Stainless steel + Aluminum	db	high
ip_rating	IP65	db	high
ambient_temp_c	-20-40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.