



Underground LED Light 24W 24VDC 6000K IP67 Stainless Steel 45° Beam

- Delivers 2400 lm at 24W from a 24VDC supply
- 6000K cool white output with CRI of 85
- 45-degree beam angle for directional illumination
- IP67-rated stainless steel and aluminum housing for direct burial
- Rated for -20°C to 40°C ambient operating range
- CE certified with 1-year limited warranty

OVERVIEW

The 1-UG8.66-24-6K-24V is an in-ground LED luminaire designed for commercial and architectural outdoor applications, including pathway lighting, landscape accents, and hardscape illumination. Its stainless steel and aluminum housing is rated IP67, making it suitable for direct burial and wet-location installations.

The fixture operates at 24VDC and delivers 24W of power with a 6000K cool white output, a 45-degree beam angle for controlled directional illumination, and a CRI of 85. Rated lumen output is 2400 lm, with an LED lifetime of 50,000 hours and an ambient operating range of -20°C to 40°C.

The fixture carries CE certification and a 1-year limited warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	2,400 lm
Color Temperature	6,000 K
CRI	85
Beam Angle	45°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	200×95mm
Finish	Black + Silver
Material	Stainless steel + Aluminum

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	24 V
Wattage	24 W

ENVIRONMENTAL

IP Rating	IP67
Ambient Operating Temperature	-20-40 °C -4-104 °F

CERTIFICATIONS & COMPLIANCE



CE

APPLICATIONS

- Pathway and walkway lighting
- Landscape accent lighting
- Hardscape and paver illumination
- Commercial building perimeter lighting
- Architectural facade uplighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	2,400 lm	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	24 V	db	high
wattage	24 W	db	high
product_dimensions	200×95mm	db	high
finish	Black + Silver	db	high
material	Stainless steel + Aluminum	db	high
ip_rating	IP67	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.