



Underground LED COB Light, Round, 3W 12VDC 6000K, IP65, 52mm

- COB LED chip delivers 300 lumens at 3W, 12VDC
- 6000K color temperature with 80 CRI and 45-degree beam angle
- IP65-rated aluminum and stainless steel housing for outdoor exposure
- Operating range of -20°C to 40°C ambient temperature
- 0.4-meter lead wire for simplified field wiring
- CE certified with 1-year manufacturer warranty

OVERVIEW

The 1-UG2-3-6K-12V-COB is a round, in-ground LED COB fixture designed for outdoor landscape and hardscape applications. Its compact 52mm diameter profile allows for flush installation in pathways, driveways, plazas, and similar grade-level surfaces where low-profile, focused illumination is required.

The fixture operates at 12VDC and draws 3W, producing 300 lumens at a 6000K correlated color temperature with a 45-degree beam angle and 80 CRI. The aluminum and stainless steel housing carries an IP65 rating, providing protection against dust ingress and water jets, and is rated for ambient temperatures from -20 to 40°C. A 0.4-meter lead wire is included to simplify field wiring connections.

The fixture is CE certified and carries a 1-year manufacturer warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	300 lm
Color Temperature	6,000 K
CRI	80
Beam Angle	45°
LED Chip Type	COB
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	5.2*8cm
Finish	Black + Silver
Material	Stainless steel + Aluminum

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	3 W
Wire Length	15.7 in

ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE



CE

APPLICATIONS

- Pathway and walkway lighting
- Driveway and hardscape accent lighting
- Plaza and courtyard grade-level illumination
- Landscape uplighting in patios and gardens

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	300 lm	db	high
cct_k	6,000 K	db	high
cri	80	db	high
beam_angle_deg	45°	db	high
led_chip_type	COB	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	12 V	db	high
wattage	3 W	db	high
wire_length	15.7 in	pdf	medium
product_dimensions	5.2*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.