

Underground LED COB Downlight, Round, 3W 4000K 12VDC Embedded Fixture, IP65

OVERVIEW

The 1-UG2-3-4K-12V is a round, embedded-mount underground LED COB downlight designed for outdoor in-ground applications including pathway lighting, landscape accents, and hardscape installations. The fixture operates on 12V DC and is constructed with an aluminum body for thermal management and long-term durability in buried or flush-mounted environments.

The fixture delivers 500 lumens from a single COB LED at 3W, with a 4000K neutral white color temperature and a 30° beam angle suited for directional ground-level illumination. CRI is rated above 80. The unit carries an IP65 ingress protection rating, supports operating temperatures from -30°C to +50°C (-22°F to +122°F), and is rated for 30,000 hours of service life. Overall dimensions are 42mm diameter by 70mm height, with a unit weight of 0.12 kg.

The fixture is rated IP65 for dust and water resistance. A 1-year warranty is included. Note: CE certification appears in product records but is not confirmed in the provided datasheet; specifiers requiring CE documentation should request verification prior to procurement.

SPECIFICATIONS

Power	3 W	Input voltage	DC 12V V
Luminous flux	500 lm	Dimensions	42 dia x 70 H mm
CCT	4000 K	Weight	0.12 kg
CRI	80	Rated life	30000 h
Beam angle	30 °	Operating temp	-30 to +50 °C
IP rating	IP65		

INSTALLATION

Overall Dimension :	42*H70MM	Pcs/Master CTN: 50 sets
IP Grade:	IP65	Gross Weight./CTN.: 7.8KG
Working Temperature:	(-30°~+50°)	Net Weight./CTN.: 7.3 KG
Working Life-span:	30000H	Master Box Dimensions (Cm):
Electrical Level :	Class III	CM= L: 32.5cm W: 32.5 cm H: 23 cm



IP65