

## 7-Watt LED Garden Light

Transform your outdoor spaces with our 7-watt LED garden light, the perfect blend of power, style, and reliability. Designed for versatility, it operates seamlessly on AC/DC 12-24V, making it suitable for various lighting systems. Crafted with a sleek aluminium and stainless-steel body and boasting an IP67 rating, it delivers outstanding durability in any weather conditions. The anti-glare 60° light distribution ensures brilliant, focused illumination while maintaining visual comfort. Featuring a 1-meter cable for quick and hassle-free installation, this premium garden light is your go-to solution for high-performance outdoor lighting.

### FEATURES AND BENEFITS:

- ✓ Sophisticated Die-Cast Aluminium Construction
- ✓ High-Performance COB LED Chip with high lumen
- ✓ Anti-Glare Light with 60° Controlled Illumination
- ✓ IP67 Weatherproof Rating
- ✓ 316 Stainless Steel Fasteners
- ✓ Versatile Voltage Compatibility (12V-24V AC/DC)
- ✓ 1-Meter Double-Insulated Cable
- ✓ Spike Mount Included
- ✓ 5-Year Rust and Corrosion Warranty

### APPLICATION:

- ❖ Driveway, Pathway, and Entrance Lighting
- ❖ Garden and landscape illumination
- ❖ Architectural accents
- ❖ Feature lighting for sculptures or plants
- ❖ Hospitality outdoor spaces (hotels, resorts, and restaurants)



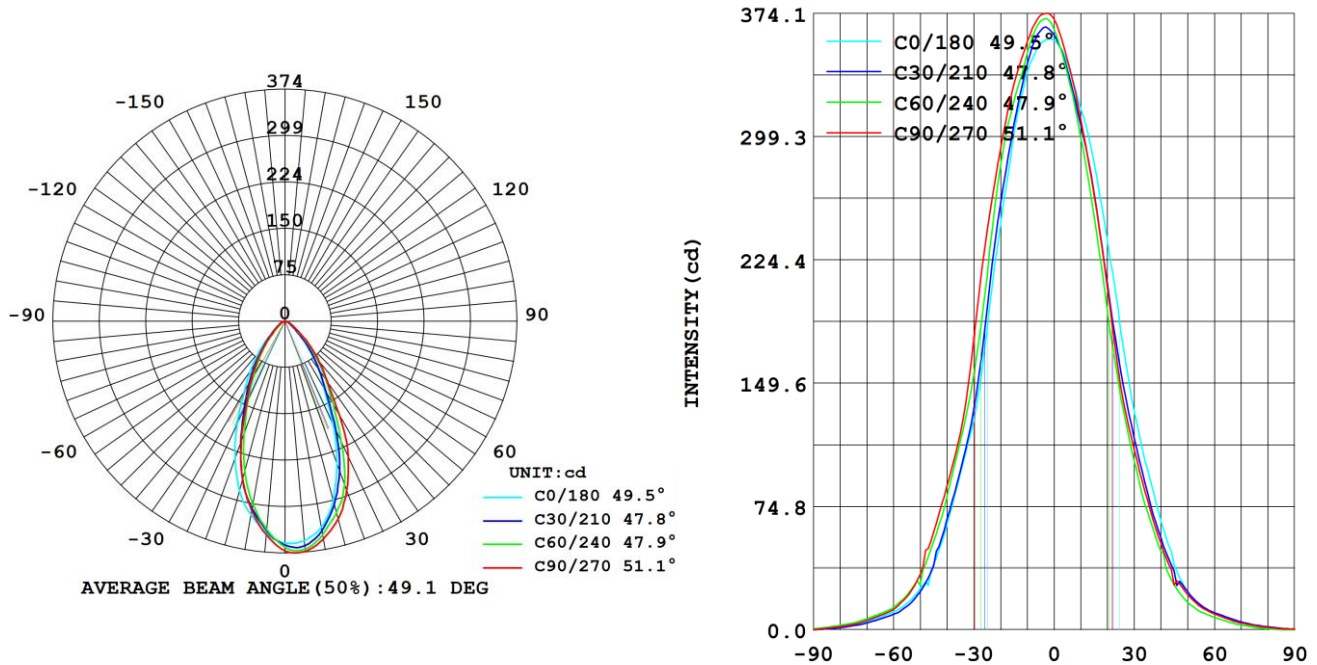
### Datasheet:

Product Code	GL001	GL002
Power	7W	7W
Voltage	AC/DC 12V-24V	AC/DC 12V-24V
LED	COB	COB
Colour Temperature	2700K	6000K
Lumen Flux	480lm	480lm
Beam Angle	60 deg	60 deg
Dimensions	56mm x 85.5mm x 234mm	56mm x 85.5mm x 234mm
Material	Aluminium + PC	Aluminium + PC
IP rating	IP67	IP67
Finish	Black	Black
Warranty	5 Years	5 Years

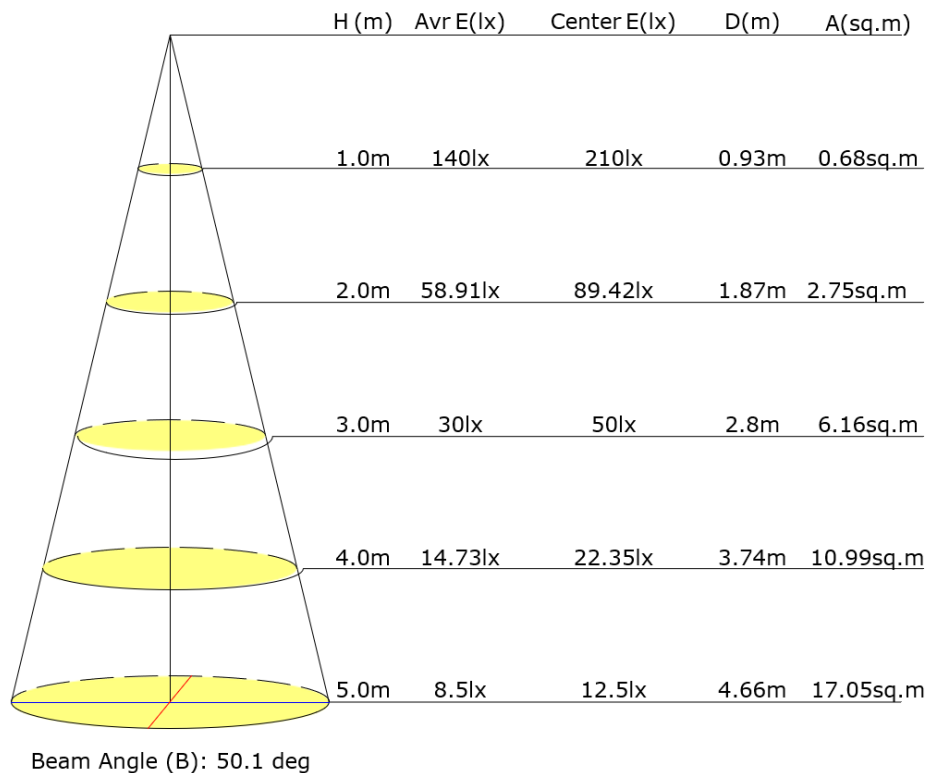


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## LUMINOUS INTENSITY DISTRIBUTION CURVE:



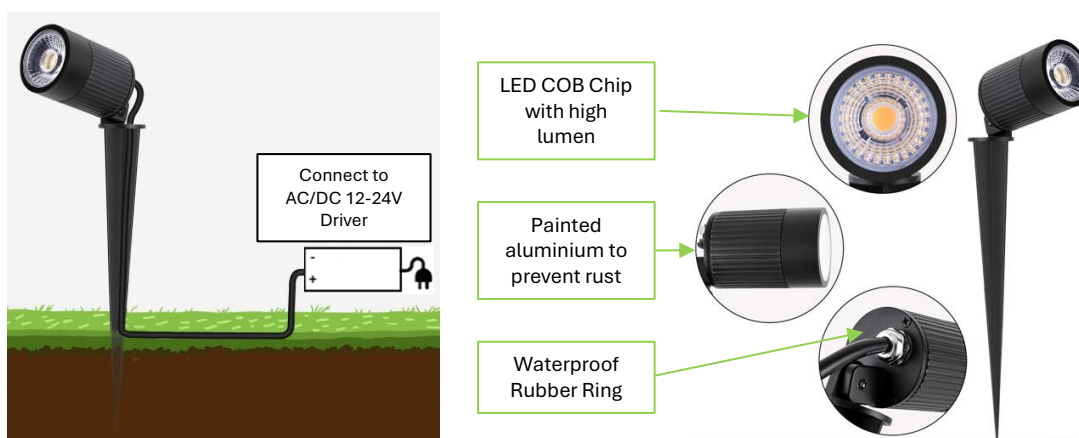
## ILLUMINANCE AT A DISTANCE:



- LEGENDS**
- Height (H):** Distance from the light to the surface in meters.
  - AVR E (lx):** Average illuminance (brightness) over the illuminated area.
  - CENTER E (lx):** Maximum brightness at the center of the beam.
  - Beam Diameter (D, m):** Diameter of the illuminated area at the surface.
  - Surface Area (A, m<sup>2</sup>):** Total illuminated area calculated as a circle.

## INSTALLATION:

The garden light can be powered by a 12V or 24V AC/DC source. Lights should be connected in parallel for consistent voltage, with the LED driver oversized by at least 30% of the total rated power. Recommended maximum lights, cable lengths, and driver capacities are outlined in the below table, considering 2m spacing between lights and up to 5m extension cable from the driver to the first light. Before cleaning, disconnect the light from the mains supply and allow it to cool. Use only a damp microfiber cloth for cleaning, and a dilute solution of mild pH-neutral liquid detergent can be applied for resistant dirt. Avoid using high-pressure cleaners to maintain the light's longevity. These guidelines ensure the garden lighting system's reliable, efficient, and safe operation.



Cross-sectional area of cable (mm <sup>2</sup> )	GL001/GL002		
	7W GARDEN LIGHT		
	Max no of garden lights	Max length of cable in meters	Recommended Azoogi LED driver
1.0	8	20	ADR005 / ADR006
1.5	10	25	ADR007 / ADR008
2.0	12	30	ADR007 / ADR008
3.0	15	35	ADR007 / ADR008
4.0	18	40	ADR009 / ADR010
6.0	22	50	ADR009 / ADR010

