



# ROBUR 12.0

ROBUR 12.0 14W GR7001 270° 2700K  
220V AC DALI

Cod: **RBR30CCB0G1A00**

Metel: **RBRCPB004**



Protection class II  
Double insulated electrical appliance



IP 65  
Protected against water jets



IK 10  
Protected against impact of 20 J



High temperatures  
Design to withstand temperatures up to +50° C



C5 - Very high  
corrosion resistance level ISO 9223



DALI 2  
Power supply with DALI 2 protocol, certified by DiiA for greater interoperability than standard DALI



Mizar warranty  
5 years warranty



## Technical description

The ROBUR range represents the ideal synthesis of geometric rigor, material robustness, and exceptional lighting performance. Designed as an architectural and urban bollard, ROBUR stands out for its pure and essential cylindrical design, available in three different heights (600, 900, and 1200 mm) to meet any spatial scale with maximum flexibility. It is the ideal solution for guiding and enhancing pedestrian walkways, prestigious residential entrances, and parks, blending discreetly into the landscape. The technological heart of ROBUR lies in its modular asymmetrical optics system. The emission is designed to precisely and uniformly direct the light flow exclusively towards the ground, ensuring absolute visual comfort, eliminating glare and light pollution. Built to withstand time and the harshest weather conditions, the fixture's body is made of aluminum protected with a highly resistant polyester powder coating. This process ensures superior protection, certified to exceed 1,500 hours in salt spray with a C5 corrosiveness rating (ISO 9223), making the range suitable for installation in harsh environments. The system's intelligence is fully expressed through its lighting management options. ROBUR is available in versions with DALI dimmable power supply, for seamless integration into building automation systems, or with Casambi wireless technology for smart and flexible control. To maximize energy efficiency, the fixture can be equipped with microwave motion sensors; a detail of pure functional design allows this technology to be completely concealed within the elegant black ABS upper cone,

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preserving the bollard's aesthetics intact without visible or protruding elements. Every detail is engineered to ensure solidity, starting with installation. The fixture is supplied standard with a durable stainless steel ground fixing kit. For contexts that require structural anchoring right from the construction phase, the range also offers a specific accessory anchor bolt kit, designed for direct insertion into fresh concrete.

## Lighting data

|                             |                      |                      |                                                                                  |
|-----------------------------|----------------------|----------------------|----------------------------------------------------------------------------------|
| Source type                 | multi-chip power LED | Photobiological risk | RG0                                                                              |
| CCT                         | 2700K                | ULR                  | 0.01%                                                                            |
| CRI                         | > 90                 | BUG Rating           | B0 U1 G0                                                                         |
| MacAdam (SDCM)              | 2                    | CIE Flux Code        | 20 63 96 100 100                                                                 |
| Source lumen output (lm)    | 1381                 | LED lifetime         | L80 B10 50.000h                                                                  |
| Luminaire lumen output (lm) | 760                  | Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): F |
| Light emission              | Asymmetrical         |                      |                                                                                  |
| Beam angle                  | 270°                 |                      |                                                                                  |

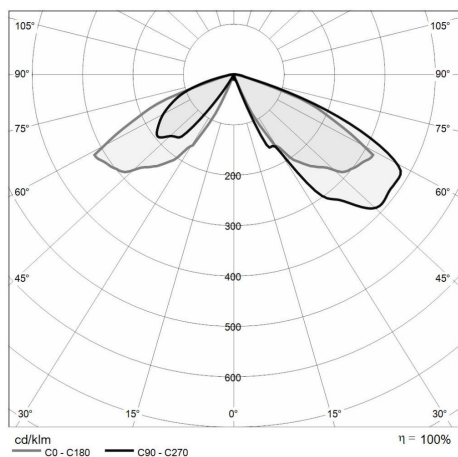
## Mechanical data

|                   |                                                         |                             |                                    |
|-------------------|---------------------------------------------------------|-----------------------------|------------------------------------|
| Diameter (mm)     | 180                                                     | Body material               | Anodized aluminum anticorodal 6082 |
| Height (mm)       | 1200                                                    | Diffuser material           | Polycarbonate UV-stabilised        |
| Weight (Kg)       | 11.1                                                    | Diffuser thickness (mm)     | 4                                  |
| IP Rating         | IP65                                                    | Class ISO 9223              | C5                                 |
| IK rating         | IK10                                                    | Optic type                  | Technopolymer TIR Lens             |
| Type of finishing | Protective primer followed by epoxy and polyester paint | Maximal working temperature | +50° C                             |
| Finishing colour  | Grey RAL7001                                            | Minimal working temperature | -20° C                             |

## Electrical data

|                                 |                  |                           |                      |
|---------------------------------|------------------|---------------------------|----------------------|
| Nominal power (W)               | 14               | Power cable type          | H05RN - F 2x0,75 mm² |
| Power supply (input power type) | 220V AC 50/60 Hz | Power cable length        | 0,4 m                |
| Ballast                         | Integrated       | Voltage spikes protection | Yes (L-N 1kV)        |
| Insulation class                | II               |                           |                      |
| Dimmable                        | Yes (DALI 2)     |                           |                      |

## Photometry



## Technical drawing

