ROBUR 12.0

ROBUR 12.0 18W GR7001 360° 3000K 220V AC DALI

Cod: **RBR30DCC0G0A00**
Metel: **RBRDPC003**

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,

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
CCT	3000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	2032
Luminaire lumen output (lm)	1112
Light emission	Roto-symmetrical
Beam angle	360°

Photobiological risk	RG0
ULR	0.02%
BUG Rating	B1 U1 G0
CIE Flux Code	20 65 96 100 100
LED lifetime	L80 B10 50.000h
Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): D

Mechanical data

Diameter (mm)	180
Height (mm)	1200
Weight (Kg)	11.1
IP Rating	IP65
IK rating	IK10
Type of finishing	Protective primer followed by epoxy and polyester paint
Finishing colour	Grey RAL7001

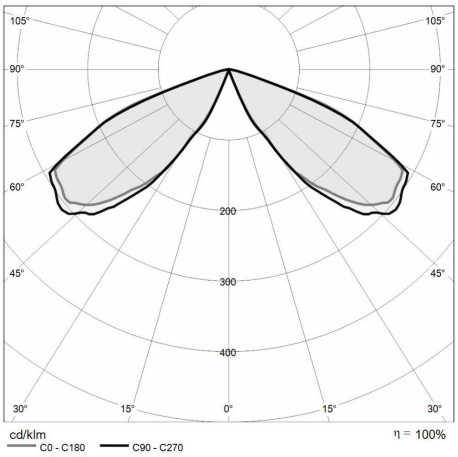
Body material	Anodized aluminum anticorodal 6082
Diffuser material	Polycarbonate UV-stabilised
Diffuser thickness (mm)	4
Class ISO 9223	C5
Optic type	Technopolymer TIR Lens
Maximal working temperature	+50° C
Minimal working temperature	-20° C

Electrical data

Nominal power (W)	18
Power supply (input power type)	220V AC 50/60 Hz
Ballast	Integrated
Insulation class	II
Dimmable	Yes (DALI 2)

Power cable type	H05RN - F 2x0,75 mm²
Power cable length	0,4 m
Voltage spikes protection	Yes (L-N 1kV)

Photometry



Technical drawing