ROBUR 6.3

ROBUR 6.3 14W AN7016 270° 4000K 220V AC SENSOR CASAMBI

Cod: **RBR13FCB0G1A00**
Metel: **RBRFMB304**

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

Casambi Ready
The product can be configured using the Casambi app. It can also communicate with other Casambi products via a Bluetooth mesh network

Motion sensor
Product with built-in HF microwave motion sensor

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	Photobiological risk	RG0
CCT	4000K	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)	1667	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	917	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): D
Light emission	Asymmetrical		
Beam angle	270°		

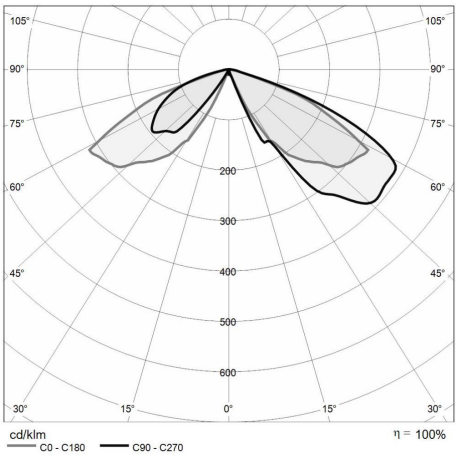
Mechanical data

Diameter (mm)	180	Body material	Anodized aluminum anticorodal 6082
Height (mm)	600	Diffuser material	Polycarbonate UV-stabilised
Weight (Kg)	6.35	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	Anthracite RAL7016	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 , L/N-PE 2kV)
Insulation class	II		
Dimmable	Yes (Casambi)		

Photometry



Technical drawing