

FORMA 2.1

FORMA 2.1 10W BK9005 A25° 3000K 24V

Cod: **FRM05DCZ0B0A00**

Metel: **FRMDQZ001**

IdroSkud® protection system
polarity reversal protection + voltage spikes protection + water infiltration protection

Protection class III
Designed to be supplied from a separated extra-low voltage (SELV) power supply

IP 65
Protected against low-pressure water jets (12,5 liters per minute)

IK 08
Protected against impact of 5 J

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

C5 - Very high
corrosion resistance level ISO 9223

Mizar warranty
5 years warranty

Technical description

Modular step-light wall mounting fixture, suitable for outdoor environments (IP65), with wide operating temperature range: -20°C / +50°C. The body is made of aluminum protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray test. The light source consists of SMD LED board of 10W powered at 24V. The cover and reflector are modular and removable from the LED engine, without removing it from the wall. This allows for easy maintenance, with only one component to be replaced, and at the same time great freedom of customisation. The three FORMA parts can also be ordered separately. The luminous flux and design make it ideal as a walkway marker light for footpaths or flights of stairs. Color rendering index CRI > 90. The FORMA is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. The product must be combined with a power supply to ensure its operation. The power supply must be ordered separately. The amount of luminaires that can be connected to a single power supply varies depending on the type of installation. It is up to the installer to verify the possible voltage drop by evaluating the distance between the product and the power supply.

MIZAR is a brand of REER SPA
Via Carcano 32 - 10153 - Torino, Italy
Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it

Lighting data

Source type	SMD chip	Beam angle	A25°
CCT	3000K	Photobiological risk	RG0
CRI	> 90	ULR	0.14%
MacAdam (SDCM)	3	BUG Rating	B0 U1 G1
Source lumen output (lm)	1651	CIE Flux Code	30 62 87 100 100
Luminaire lumen output (lm)	710	LED lifetime	L90 B10 50.000h (Ta +25°C)
Light emission	Asymmetrical		

Mechanical data

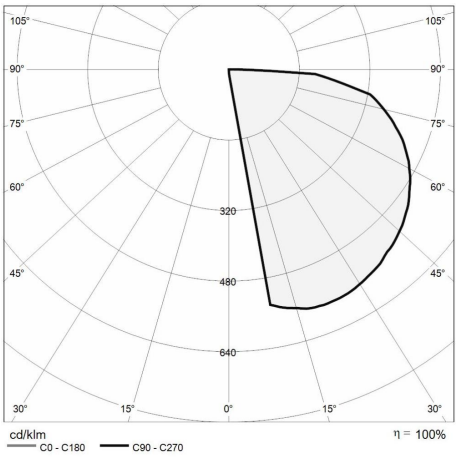
Width (mm)	235	Body material	Die-cast aluminum EN AB46100
Length (mm)	32	External screws material	Stainless steel 316L (A4)
Height (mm)	235	Diffuser material	Polycarbonate UV-stabilised
Weight (Kg)	1.11	Diffuser thickness (mm)	2
IP Rating	IP65	Class ISO 9223	C5
IK rating	IK08	Optical optional	None
Shape	Square	Maximal working temperature	+50° C
Type of finishing	Protective primer followed by epoxy and polyester paint	Minimal working temperature	-20° C
Finishing colour	Black RAL9005		

Electrical data

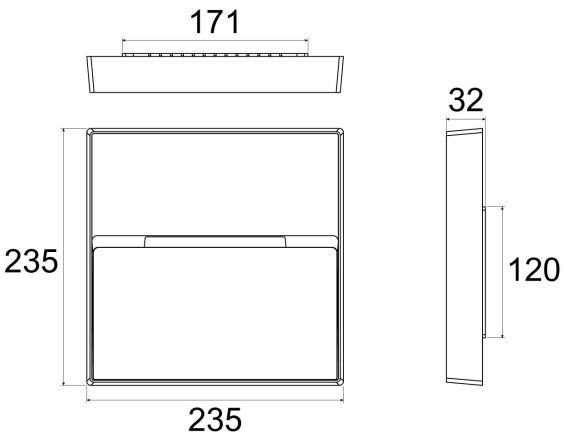
Nominal power (W)	10	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V DC	Idroskud® protection	Yes
Ballast	Remote	Inverse polarity protection	Yes
Insulation class	III	Voltage spikes protection	Yes
Dimmable	Yes (PWM)		
Power cable type	FR5FOEM7 - AD8 2x0,5 mm²		
Power cable length	0,4 m		

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Photometry



Technical drawing



Accessories



NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 14,4W IP67 ON/OFF

Cod: MID0019



NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 36W IP67 ON/OFF

Cod: MID0020



DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz 24V 24W IP67 DALI

Cod: MID0021