



# FORMA 2.2

FORMA 2.2 10W BK9005 A25° 4000K  
24V DC

Cod: **FRM06FCZ0B0A00**

Metel: **FRMFRZ001**



**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 water jets



**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

FORMA is a range of modular, wall-mounted step lights, suitable for outdoor environments (IP65), with a wide operating temperature range: -20°C / +50°C. The body is made of aluminum protected by an epoxy polyester coating that guarantees corrosion resistance equal to 1,500 hours in salt spray. The light source consists of a 5W or 10W SMD LED board, powered by 24V constant voltage. The cover and magnetic reflector are modular and can be removed from the LED engine without removing it from the wall. This allows for easy maintenance, with the possibility of replacing a single component and at the same time great freedom of customization. The three parts of FORMA can also be ordered separately. Its luminous flux and design make it ideal as a step light for pedestrian paths or stairways. Color Rendering Index CRI > 90. FORMA is equipped with the IdroSkud® system to protect electronic components from voltage spikes, polarity reversal, and water infiltration. The product must be paired with a power supply to ensure its operation. The power supply must be ordered separately. The number of fixtures that can be connected to a single power supply varies depending on the type of installation. It is the installer's responsibility to check for possible voltage drops by evaluating the distance between the product and the power supply.

## Lighting data

Source type	SMD chip	Photobiological risk	RG0
CCT	4000K	ULR	0.14%
CRI	> 90	BUG Rating	B0 U1 G1
MacAdam (SDCM)	2	CIE Flux Code	30 62 87 100 100
Source lumen output (lm)	1685	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	758	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): C
Light emission	Asymmetrical		
Beam angle	A25°		

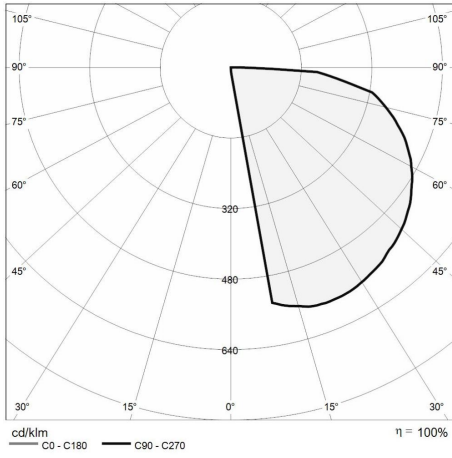
## Mechanical data

Width (mm)	245	Finishing colour	Black RAL9005
Length (mm)	34.7	Body material	Die-cast aluminum EN AB46100
Height (mm)	150	Diffuser material	Polycarbonate UV-stabilised
Weight (Kg)	0.927	Diffuser thickness (mm)	2
IP Rating	IP65	Class ISO 9223	C5
IK rating	IK08	Maximal working temperature	+50° C
Type of finishing	Protective primer followed by epoxy and polyester paint	Minimal working temperature	-20° C

## 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		
Power cable type	FR5FOEM7 - AD8 2x0,5 mm <sup>2</sup>		
Power cable length	0,4 m		

Photometry



Technical drawing

