

FORMA 2.1

FORMA 2.1 10W WH9003 A25° 3000K
24V

Cod: **FRM05DCZ0W0A00**



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

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.

Lighting data

Source type	SMD chip
CCT	3000K
CRI	> 90
MacAdam (SDCM)	3
Source lumen output (lm)	1651
Luminaire lumen output (lm)	710
Light emission	Asymmetrical

Beam angle	A25°
Photobiological risk	RG0
ULR	
BUG Rating	B0 U1 G1
CIE Flux Code	30 62 87 100 100
LED lifetime	L80 B10 50.000h

Mechanical data

Width (mm)	235
Length (mm)	32
Height (mm)	235
Weight (g)	1103
IP Rating	IP65
IK rating	IK08
Shape	Square
Type of finishing	Protective primer followed by epoxy and polyester paint

Finishing colour	White RAL9003
Body material	Die-cast aluminum EN AB46100
Diffuser material	Polycarbonate UV-stabilised
Diffuser thickness (mm)	2
Class ISO 9223	C5
Optical optional	None
Maximal working temperature	+50° C
Minimal working temperature	-20° C

Electrical data

Nominal power (W)	10
Power supply (input power type)	Costant voltage - 24V
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	FR5FOEM7 - AD8 2x0,5 mm ²
Power cable length	0,4 m

Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

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