VITRUM SQUARE 3.0

VITRUM SQUARE 3.0 7W WHITE 60° 4000K 24V 10M

Cod: **VIT06FCL002M00**

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 68
Waterproof for continuous submersion at depths of over 1 meter

IP 66
Protected against powerful water jets (100 liters per minute)

IK 10
Protected against impact of 20 J

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

Walk-over
Fixture design to withstand a static load up to 500kg

CX - Extreme
corrosion resistance level ISO 9223

Mizar warranty
5 years warranty

Technical description

VITRUM is a range of completely flush-mounted ground recessed walk-over luminaires, suitable for outdoor environments (IP66/IP68) with an operating temperature range of -20°C to +50°C. Its distinctive feature is its tempered glass screen without a metal ring, silk-screened in black or white. Available in transparent or satin finish. The body is made of black anodized anticorodal aluminum. The light source consists of a single power LED chip, in 2W, 3W, or 7W versions, powered by 24V constant voltage. The essential design makes it ideal for installation in elegant indoor and outdoor environments, as well as for high-humidity situations (spas, cellars). The light source is recessed for greater visual comfort. Color rendering index CRI > 90. The fixture is equipped with the IdroSkud® system to protect the 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 number of devices 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 potential voltage drops 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

DATA SHEET date: 15/11/2026

Lighting data

Source type	single chip power LED	Photobiological risk	RG0
CCT	4000K	ULR	100,00%
CRI	> 90	BUG Rating	B0 U3 G0
MacAdam (SDCM)	2	CIE Flux Code	0 0 0 0 100
Source lumen output (lm)	445	LED lifetime	L90 B10 50.000h (Ta +25°C)
Luminaire lumen output (lm)	336	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Wide		
Beam angle	60°		

Mechanical data

Width (mm)	85	Class ISO 9223	CX
Length (mm)	85	Optic type	Technopolymer TIR Lens
Height (mm)	108	Maximal working temperature	+50° C
Weight (Kg)	0.632	Minimal working temperature	-20° C
IP Rating	IP66 / IP68	Maximum static load (kg)	500
IK rating	IK10	Walk-over	Yes
Finishing colour	White silk-screen	Drive-over	No
Body material	Anodized aluminum anticorodal 6082	Maximal surface temperature	+50° C
Diffuser material	Extraclear tempered glass	Areas EN 60598-2-13	A1 / A2
Diffuser thickness (mm)	10		

Electrical data

Nominal power (W)	7	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	H05RN - F 2x0,75 mm²		
Power cable length	0,4 m		

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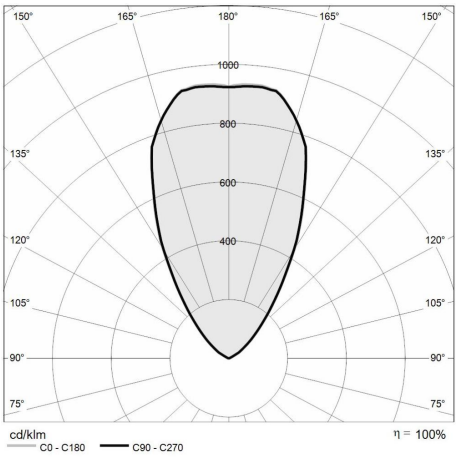
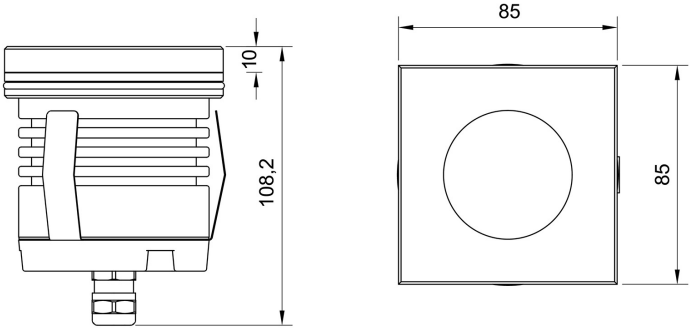
Photometry



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