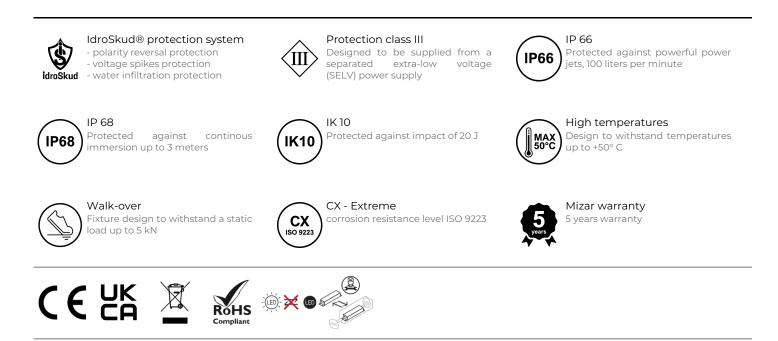




# VITRUM 2.0 3W WHITE 25° 4000K 24V

Cod: VIT02FCM002P00

DATA SHEET



## Technical description

Fully flush inground luminaire, walk-over , suitable for outdoor and underwater environments (IP66/IP68) with operating temperature range: -20°C / +50°C. Its special feature is that it has a tempered glass screen without metal frame, opal, with black screen-printed edge. The body is made of black anodized anticorodal aluminum. The light source consists of a single 3W power Led chip powered at 24Vdc constant voltage with integrated driver. The minimalist design makes it ideal as a lighting fixture for elegant indoor and outdoor environments, as well as for high-humidity situations (spas, wine cellars). The source is set back for greater visual comfort. Color rendering index CRI > 90. Vitrum is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. There are installation accessories (draining, watertight and plasterboard outercase). 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	single chip power LED	Photobiological risk	RGO
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)	236	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	160	Efficiency class	This product contains a light
Light emission	Medium		source of energy efficiency
Beam angle	25°		class (EU2019/2015): F

#### Mechanical data

Diameter (mm)	60	Optic type	Technopolymer TIR Lens
Height (mm)	87	Optical optional	None
Weight (g)	278	Maximal working	+50° C
IP Rating	IP66/IP68	temperature	
IK rating	IK10	Minimal working temperature	-20° C
Finishing colour	White silk-screen	Maximal static load (kN)	5
Body material	Anodized aluminum	Walk-over	Yes
	anticorodal 6082	Driver-over	No
Diffuser material	Extraclear tempered glass	Maximal surface temperature	+50° C
Diffuser thickness (mm)	10	Areas EN 60598-2-13	A1/A2
Class ISO 9223	CX		

#### Electrical data

Nominal power (W)	3	
Power supply (input power	Costant voltage - 24V	
type)		
Ballast	Remote	
Insulation class	111	
Dimmable	Yes	
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>	
Power cable length	15 m	

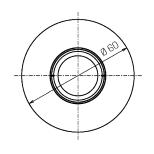
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

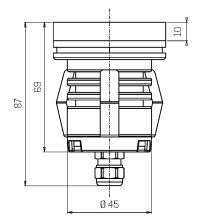


#### Photometry

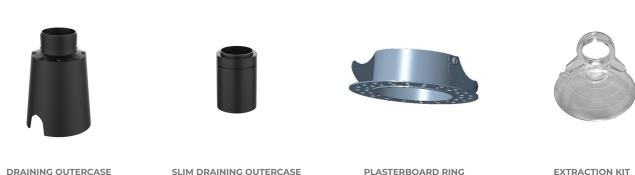
## 150° 135° 135 120° 120 105 90 75 $\eta = 100\%$ \_\_\_\_\_C0 - C180 \_\_\_\_\_C90 - C270

Technical drawing





Accessories



Outercase draining VITRUM 2

Cod: VITZZZ001

SLIM DRAINING OUTERCASE Outercase slim VITRUM 2

Cod: VITZZZ004

PLASTERBOARD RING Plasterboard ring VITRUM 2

Cod: VITZZZ007



**EXTRACTION KIT** Suction cup for VITRUM 2

Cod: VITZZZ010







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

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