



# VITRUM 2.0

# VITRUM 2.0 3W WHITE 40° 4000K 24V I V 10M

Cod: VIT02FCL202M00



IdroSkud® protection system - polarity reversal protection - voltage spikes protection idroSkud - water infiltration protection



IP 68 Protected continous against immersion up to 3 meters



Ш

DATA SHEET

IK 10 Protected against impact of 20 J

Designed to be supplied from a

extra-low

voltage



**IP 66** 

Walk-over

IP 66

Fixture design to withstand a static load up to 5 kN

Protected against powerful power

jets, 100 liters per minute



CX - Extreme corrosion resistance level ISO 9223



Mizar warranty 5 vears warrantv

Protection class III

(SELV) power supply

separated

#### ۵ 🔀 🔘 RoHS

## 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)	144	Efficiency class	This product contains a light
Light emission	Wide		source of energy efficiency
Beam angle	40°		class (EU2019/2015): F

#### Mechanical data

Diameter (mm)	60	Optic type	Technopolymer TIR Lens
Height (mm)	87	Optical optional	Louvre
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	10 m	

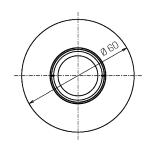
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

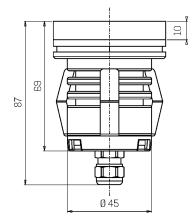


#### Photometry

#### 

## Technical drawing





Accessories



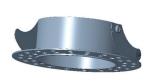
DRAINING OUTERCASE
Outercase draining VITRUM 2

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