



VITRUM 1.0

VITRUM 1.0 10° 4000K -0,4M

Cod: VIT01FCS000A00



IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection
- idroSkud water infiltration protection



Protection class III

Designed to be supplied from a separated extra-low voltage (SELV) power supply



Protected against powerful power jets, 100 liters per minute

date: 03/04/2025



IP 68

Protected continous against immersion up to 3 meters



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 5 kN



CX - Extreme

corrosion resistance level ISO 9223



Mizar warranty

5 years warranty











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, transparent, with black screen-printed edge. The body is made of black anodized anticorodal aluminum. The light source consists of a single 2W 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 optionals for anti-glare (honeycomb) and installation accessories (draining, watertight and plasterboard outercase).



Lighting data

Source type	single chip power LED
CCT	4000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	157
Luminaire lumen output (lm)	96
Light emission	Narrow
Beam angle	10°

Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U1 G0
CIE Flux Code	0 0 0 0 100
LED lifetime	L80 B10 50.000h
Efficiency class	This product contains a light
	source of energy efficiency
	class (EU2019/2015): F

date: 03/04/2025

Mechanical data

Diameter (mm)	40
Height (mm)	77
Weight (g)	113
IP Rating	IP66 / IP68
IK rating	IK10
Finishing colour	Black silk-screen
Body material	Anodized aluminum
	anticorodal 6082
External screws material	Stainless steel 316L (A4)
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	8

Class ISO 9223	CX
Optic type	Technopolymer TIR Lens
Optical optional	None
Maximal working	+50° C
temperature	
Minimal working temperature	-20° C
Maximal static load (kN)	5
Walk-over	Yes
Driver-over	No
Maximal surface temperature	+50° C
Areas EN 60598-2-13	A1 / A2

Electrical data

Nominal power (W)	2
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm ²
Power cable length	0,4 m

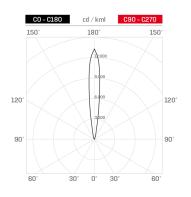
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes



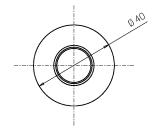
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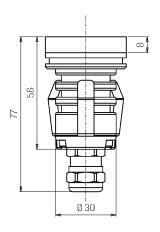
Photometry

10°



Technical drawing





Accessories









NOT DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF 24V 14,4W IP67
Cod: MID0019

NOT DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF 24V 36W IP67 Cod: MID0020 DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF 24V 24W IP67 DALI Cod: MID0021 **DRAINING OUTERCASE**Outercase draining VITRUM 1

Cod: VITZZZ000



SLIM DRAINING OUTERCASE
Outercase slim VITRUM 1

Cod: VITZZZ003



PLASTERBOARD RING
Plasterboard ring VITRUM 1

Cod: VITZZZ006



EXTRACTION KITSuction cup for VITRUM 1

Cod: VITZZZ009