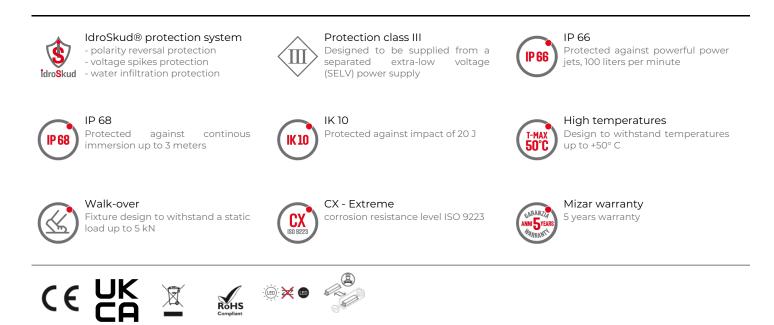




VITRUM 1.0 10° 4000K HONEYCOMB-10M

Cod: VIT01FCS100M00



# 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	Photobiological risk	RGO
CCT	4000K	ULR	100.00%
CRI	> 90	BUG Rating	B0 U1 G0
MacAdam (SDCM)	2	CIE Flux Code	0 0 0 0 100
Source lumen output (lm)	157	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	96	Efficiency class	This product contains a light
Light emission	Narrow		source of energy efficiency
Beam angle	10°		class (EU2019/2015): F

### Mechanical data

Diameter (mm)	40	Class ISO 9223	СХ
Height (mm)	77	Optic type	Technopolymer TIR Lens
Weight (g)	113	Optical optional	Honeycomb
IP Rating	IP66/IP68	Maximal working	+50° C
IK rating	IK10	temperature	
Finishing colour	Black silk-screen	Minimal working temperature	-20° C
Body material	Anodized aluminum	Maximal static load (kN)	5
	anticorodal 6082	Walk-over	Yes
External screws material	Stainless steel 316L (A4)	Driver-over	No
Diffuser material	Extraclear tempered glass	Maximal surface temperature	+50° C
Diffuser thickness (mm)	8	Areas EN 60598-2-13	A1/A2

#### Electrical data

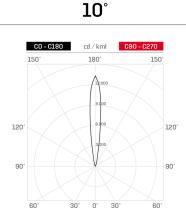
Nominal power (W)	2	
Power supply (input power	Costant voltage - 24V	
type)		
Ballast	Remote	
Insulation class	111	
Dimmable	Yes	
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>	
Power cable length	10 m (verify voltage drop)	

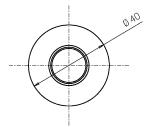
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

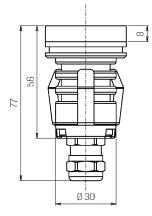


#### Photometry

## Technical drawing







Accessories



DRAINING OUTERCASE
Outercase draining VITRUM 1

Cod: VITZZZ000





NOT DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz ON/OFF 24V 14,4W IP67 Cod: MID0019

SLIM DRAINING OUTERCASE

Outercase slim VITRUM 1

Cod: VITZZZ003





PLASTERBOARD RING Plasterboard ring VITRUM 1

Cod: VITZZZ006



DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF

24V 24W IP67 DALI

Cod: MID0021

EXTRACTION KIT
Suction cup for VITRUM 1

Cod: VITZZZ009

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