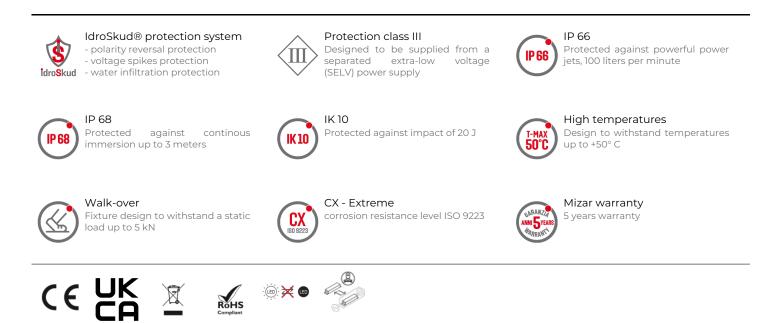


# VITRUM 1.0 2W BLACK ELL 3000K 24V HC 10M

Cod: VITO1DCE100M00

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, 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). 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	3000K	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)	157	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	87	Efficiency class	This product contains a light
Light emission	Elliptical	source of energy efficien	
Beam angle	10°x53°		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

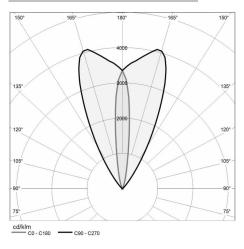
### Electrical data

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

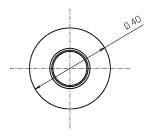
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

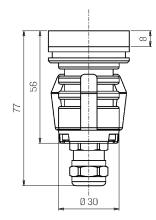


#### Photometry



Technical drawing





Accessories



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 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 KIT
Suction cup for VITRUM 1

Cod: VITZZZ009

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