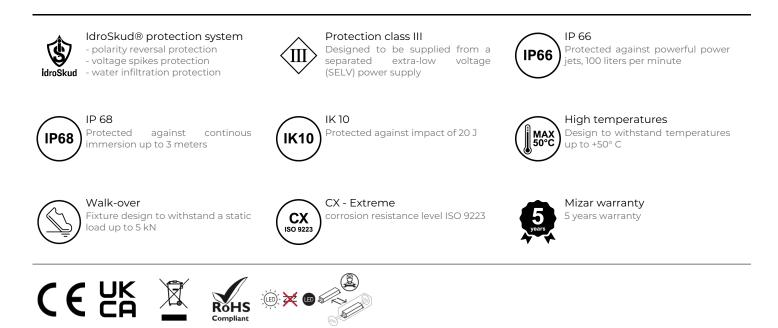




# VITRUM 2.0 3W BLACK ELL 2700K 24V

Cod: VITO2CCE000M00



### 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 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 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	2700K	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)	143	Efficiency class	This product contains a light
Light emission	Elliptical		source of energy efficiency
Beam angle	10°x45°		class (EU2019/2015): F

#### Mechanical data

Diameter (mm)	60	Class ISO 9223	СХ
Height (mm)	87	Optic type	Technopolymer TIR Lens
Weight (g)	278	Optical optional	None
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)	10	Areas EN 60598-2-13	A1/A2

#### Electrical data

Nominal power (W)	3	Ele
Power supply (input power	Costant voltage - 24V	Idr
type)		Inv
Ballast	Remote	Vo
Insulation class		
Dimmable	Yes	
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>	
Power cable length	10 m (verify voltage drop)	

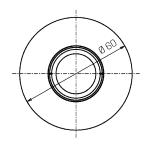
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

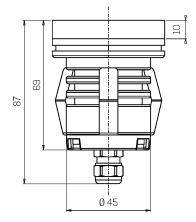


#### Photometry

## 150 135° 135 120° 105 90° 75° \_\_\_\_\_\_C0 - C180 \_\_\_\_\_\_C90 - C270

Technical drawing





Accessories







NOT DIMMABLE POWER SUPPLY Power supply DC 24V 14,4W IP67 ON/OFF Cod: MID0019

NOT DIMMABLE POWER SUPPLY DIMMABLE POWER SUPPLY Power supply DC 24V 36W IP67 ON/OFF Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021



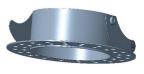
DRAINING OUTERCASE Outercase draining VITRUM 2

Cod: VITZZZ001



SLIM DRAINING OUTERCASE Outercase slim VITRUM 2

Cod: VITZZZ004



Cod: MID0020

PLASTERBOARD RING Plasterboard ring VITRUM 2

Cod: VITZZZ007



EXTRACTION KIT Suction cup for VITRUM 2

Cod: VITZZZ010

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