

date: 18/10/2024



# VITRUM 2.0

VITRUM 2.0 40° 2700K HONEYCOMB-0,4M

Cod: VIT02CCL100A00



#### IdroSkud® protection system

- polarity reversal protection
- voltage spikes 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



#### 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 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).



date: 18/10/2024

## Lighting data

Source type	single chip power LED
CCT	2700K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	236
Luminaire lumen output (lm)	176
Light emission	Wide
Beam angle	40°

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

### Mechanical data

Diameter (mm)	60
Height (mm)	87
Weight (g)	278
IP Rating	IP66 / IP68
IK rating	IK10
Finishing colour	Black silk-screen
Body material	Anodized aluminum
	anticorodal 6082
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	10
Optic type	Technopolymer TIR Lens

Optical optional	Honeycomb
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
Class ISO 9223	CX

### Electrical data

Nominal power (W)	3
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>
Power cable length	0,4 m

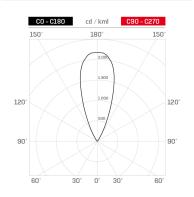
Electrical connection	Parallel connection
ldroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes



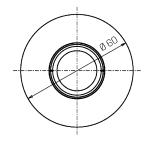
date: 18/10/2024

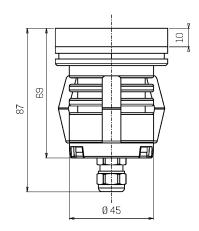
### Photometry

### 40°



## 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 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