



VITRUM 1.0

VITRUM 1.0 36° 2700K HONEYCOMB-10M

Cod: VIT01CCM100M00



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

date: 05/04/2025



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).



date: 05/04/2025

Lighting data

| Source type | single chip power LED |
|-----------------------------|-----------------------|
| CCT | 2700K |
| CRI | > 90 |
| MacAdam (SDCM) | 2 |
| Source lumen output (lm) | 157 |
| Luminaire lumen output (lm) | 90 |
| Light emission | Medium |
| Beam angle | 36° |

| 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) | 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 | 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 |

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 | 10 m (verify voltage drop) |

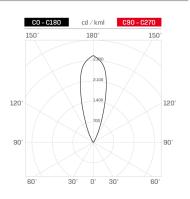
| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Yes |



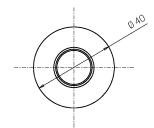
date: 05/04/2025

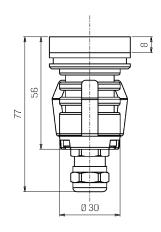
Photometry

36°



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 OUTERCASEOutercase 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