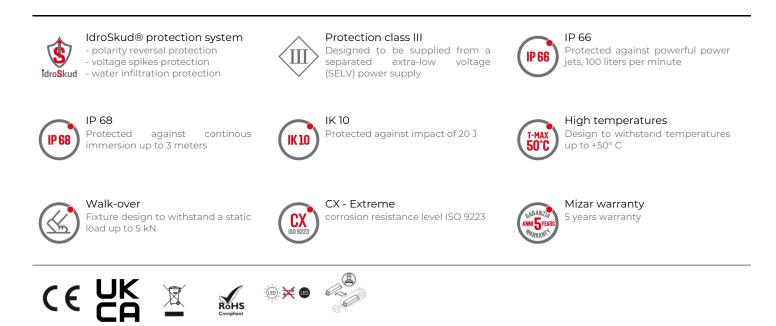




VITRUM 1.0 36° 2700K HONEYCOMB-0,4M

Cod: VITOICCM100A00



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 | 2700K | 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) | 90 | Efficiency class | This product contains a light |
| Light emission | Medium | | source of energy efficiency |
| Beam angle | 36° | | 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

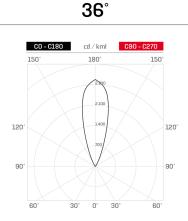
| Nominal power (W) | 2 | |
|---------------------------|----------------------------------|--|
| Power supply (input power | Costant voltage - 24V | |
| type) | | |
| Ballast | Remote | |
| Insulation class | | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 mm ² | |
| Power cable length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

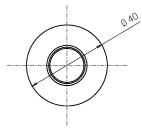
| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Yes |

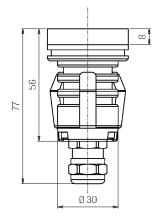


Photometry

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



EXTRACTION KIT
Suction cup for VITRUM 1

Cod: VITZZZ009