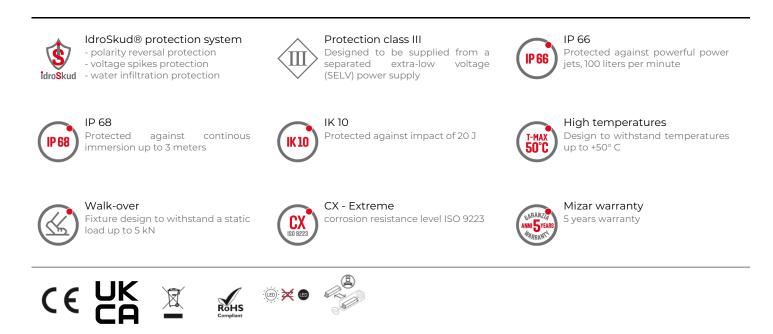




VITRUM 2.0 3W WHITE 25° 2700K 24V LV 0,4M

Cod: VIT02CCM202A00

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, opal, 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 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) | 144 | Efficiency class | This product contains a light |
| Light emission | Medium | | source of energy efficiency |
| Beam angle | 25° | | class (EU2019/2015): F |

Mechanical data

| Diameter (mm) | 60 | Optic type | Technopolymer TIR Lens |
|-------------------------|---------------------------|-----------------------------|------------------------|
| Height (mm) | 87 | Optical optional | Louvre |
| Weight (g) | 278 | Maximal working | +50° C |
| IP Rating | IP66 / IP68 | temperature | |
| IK rating | IK10 | Minimal working temperature | -20° C |
| Finishing colour | White silk-screen | Maximal static load (kN) | 5 |
| Body material | Anodized aluminum | Walk-over | Yes |
| | anticorodal 6082 | Driver-over | No |
| Diffuser material | Extraclear tempered glass | Maximal surface temperature | +50° C |
| Diffuser thickness (mm) | 10 | Areas EN 60598-2-13 | A1/A2 |
| Class ISO 9223 | CX | | |

Electrical data

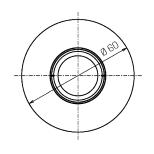
| Nominal power (W) | 3 | |
|---------------------------|----------------------------------|--|
| Power supply (input power | Costant voltage - 24V | |
| type) | | |
| Ballast | Remote | |
| Insulation class | | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 mm ² | |
| Power cable length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

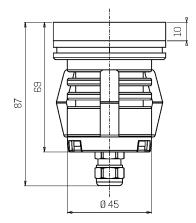
| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Yes |



Photometry

Technical drawing





Accessories



DRAINING OUTERCASE
Outercase draining VITRUM 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