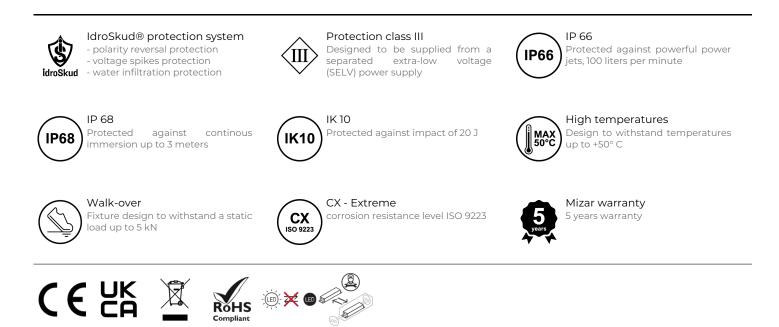




VITRUM 3.0 7W BLACK 60° 3000K 24V 5M

Cod: VIT03DCL000H00



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 7W 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 | 3000K | 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) | 445 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 351 | Efficiency class | This product contains a light |
| Light emission | Wide | | source of energy efficiency |
| Beam angle | 60° | | class (EU2019/2015): G |

Mechanical data

| Diameter (mm) | 85 | Class ISO 9223 | СХ |
|--------------------------|---------------------------|-----------------------------|------------------------|
| Height (mm) | 108 | Optic type | Technopolymer TIR Lens |
| Weight (g) | 632 | 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

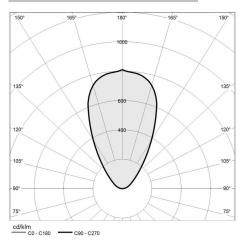
| Nominal power (W) | 7 | |
|---------------------------|----------------------------------|--|
| Power supply (input power | Costant voltage - 24V | |
| type) | | |
| Ballast | Remote | |
| Insulation class | | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 mm ² | |
| Power cable length | 5 m | |

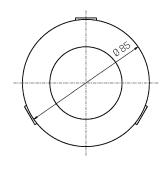
| Electrical connection | Parallel connection | |
|-----------------------------|---------------------|--|
| Idroskud® protection | Yes | |
| Inverse polarity protection | Yes | |
| Voltage spikes protection | Yes | |

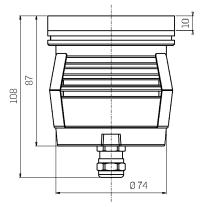


Photometry

Technical drawing







Accessories







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

| NOT DIMMABLE POWER SUPPLY |
|-------------------------------------|
| Power supply DC 24V 36W IP67 ON/OFF |
| |

Cod: MID0020



DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021



DRAINING OUTERCASE Outercase draining VITRUM 3

Cod: VITZZZ002



SLIM DRAINING OUTERCASE Outercase slim VITRUM 3

Cod: VITZZZ005



PLASTERBOARD RING Plasterboard ring VITRUM 3

Cod: VITZZZ008



EXTRACTION KIT Suction cup for VITRUM 3

Cod: VITZZZ011

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