







IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection
- idroSkud water infiltration protection



Protection class III

Designed to be supplied from a separated extra-low voltage (SELV) power supply



IP 66

Protected against powerful power jets, 100 liters per minute

date: 02/08/2025



IP 68

Protected against continous 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, 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.



date: 02/08/2025

Lighting data

Source type	single chip power LED
CCT	3000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	236
Luminaire lumen output (lm)	143
Light emission	Narrow
Beam angle	10°

Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U3 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 White silk-screen Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10 Class ISO 9223 CX		
Weight (g) IP Rating IP66 / IP68 IK rating IK10 Finishing colour Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	Diameter (mm)	60
IP Rating IP Rating IK rating IK10 Finishing colour White silk-screen Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	Height (mm)	87
IK rating IK10 Finishing colour White silk-screen Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	Weight (g)	278
Finishing colour Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	IP Rating	IP66 / IP68
Body material Anodized aluminum anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	IK rating	IK10
anticorodal 6082 Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	Finishing colour	White silk-screen
Diffuser material Extraclear tempered glass Diffuser thickness (mm) 10	Body material	Anodized aluminum
Diffuser thickness (mm) 10		anticorodal 6082
,	Diffuser material	Extraclear tempered glass
Class ISO 9223 CX	Diffuser thickness (mm)	10
	Class ISO 9223	CX

Optic type	Technopolymer TIR Lens
Optical optional	Louvre
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

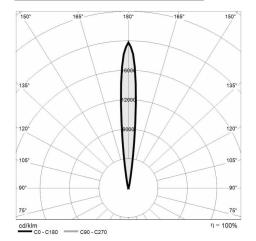
Nominal power (W)	3
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm ²
Power cable length	0,4 m

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

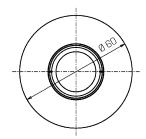


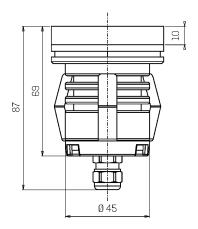
date: 02/08/2025

Photometry



Technical drawing





Accessories



DRAINING OUTERCASEOutercase draining VITRUM 2

Cod: VITZZZ001



SLIM DRAINING OUTERCASE
Outercase slim VITRUM 2

Cod: VITZZZ004



PLASTERBOARD RING
Plasterboard ring VITRUM 2

Cod: VITZZZ007



EXTRACTION KITSuction cup for VITRUM 2

Cod: VITZZZ010