VITRUM 2.0

VITRUM 2.0 3W WHITE 25° 2700K 24V 10M

Cod: **VIT02CCM002M00**

IdroSkud® protection system
- polarity reversal protection
- voltage spikes protection
- 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

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

CE   UKCA   RoHS Compliant

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

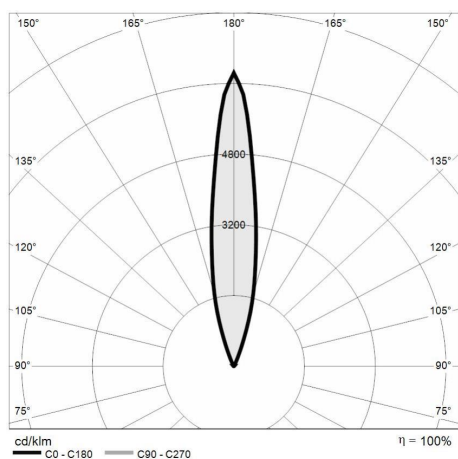|			
Source type	single chip power LED	Photobiological risk	RG0
CCT	2700K	ULR	100.00%
CRI	> 90	BUG Rating	B0 U3 G0
MacAdam (SDCM)	2	CIE Flux Code	0 0 0 0 100
Source lumen output (lm)	236	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	144	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Medium		
Beam angle	25°		

Mechanical data

Diameter (mm)	60	Optic type	Technopolymer TIR Lens
Height (mm)	87	Optical optional	None
Weight (g)	278	Maximal working temperature	+50° C
IP Rating	IP66 / IP68		
IK rating	IK10	Minimal working temperature	-20° C
Finishing colour	White silk-screen	Maximal static load (kN)	5
Body material	Anodized aluminum anticorodal 6082	Walk-over	Yes
		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	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V	Idroskud® protection	Yes
		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class	III		
Dimmable	Yes		
Power cable type	H05RN - F 2x0,75 mm²		
Power cable length	10 m		

Photometry

cd/klm   η = 100%
C0 - C180   C90 - C270

Technical drawing

Ø 60

87
69
10

Ø 45

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