



# VITRUM 3.0

# VITRUM 3.0 20° 4000K LOUVRE-15M

Cod: VIT03FCM200P00



#### IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection

#### Protection class III

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



Protected against powerful power jets, 100 liters per minute

date: 25/11/2024



#### IP 68

Protected continous against 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, 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).





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# Lighting data

Source type	single chip power LED
CCT	4000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	445
Luminaire lumen output (lm)	348
Light emission	Medium
Beam angle	20°

Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U1 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): G

# Mechanical data

Diameter (mm)	85
Height (mm)	108
Weight (g)	632
IP Rating	IP66 / IP68
IK rating	IK10
Finishing colour	Black silk-screen
Body material	Anodized aluminum
	anticorodal 6082
External screws material	Stainless steel 316L (A4)
Diffuser material	Extraclear tempered glass
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)	7
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>
Power cable length	15 m (check voltage drop), 15
	m (verify voltage drop)

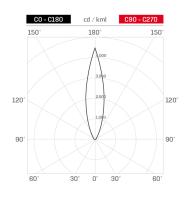
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes



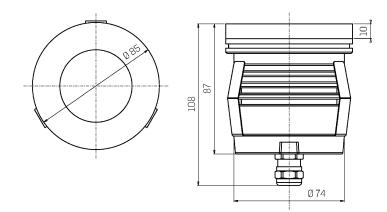
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# Photometry

# 20°



# Technical drawing



# Accessories









NOT DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF 24V 14,4W IP67
Cod: MID0019



Power supply 220/240 50/60Hz ON/OFF 24V 36W IP67 Cod: MID0020

DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz ON/OFF 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