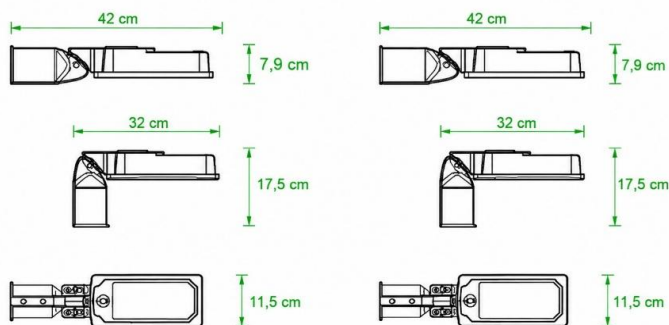




DESCRIPTION

Product	Vicolo-S-PRO
Housing	die-cast aluminum housing
Cover	Tempered 5mm flat glass
Mechanical impact	IK09
Ingress protection	IP66 sealing level in accordance with EN 60598 Cable gland
Dimensions (diam. x h)	419 x 114 x 79 mm
Weight	1,8 kg
Windage area	0,0396 m²
Electrical class	I or II
Ambient temperature	15°C to + 30°C
Pre-wired	No. On request customised

DRIVERS

Power	220-240 V / 50/60 Hz integrated 10 kV overvoltage protection
Brand	Philips/Tridonic
Power factor	90% minimum (70-100% load)
THD	10% maximum (Full load)
Current	Constant supply current adjustable from 100mA to 500mA or 300mA to 970mA
Tridonic LCO14adv	< 5% failure 100 000 hours . Tc max 80°
Control	none
Xitanium FP 22W	< 5% failure 100 000 hours . Tc max 80°
Control	DALI, TF

LED SOURCES

Sources	Lumileds 3030, square cup. R-bin
Colour temperature (K)	2700 K, 3000 K, 4000 K (others upon request)
CRI	> 70 (others upon request)
Luminaire SDCM	<4
LED lifespan	L95 > 100,000 h
Optics and light distribution options	L26 60, 61, 62, 63

Photobiology RG0 (4000 K)

STANDARD / MARKING / CERTIFICATIONS

Compliance	CE, marking requirements : Directive 2014/35/EU, Low voltage Directive Directive 2014/30/EU Electromagnetic Compatibility Directive 2011/65/EU,(EU)2015/863 (RoHS)
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SMART (options)

Dimming	✓
DALI *	✓
* with optional Xitanium FP 22W or Tridonic EXC3 series	

MECHANICAL INTERFACES

Top/side entry 60mm

* 48mm possible with optional fill up bus 60-48mm

Tilting options:

Side and posttop mount -15 to +15°

MAXIMUM PERFORMANCES

	Vicolo-PRO Without optic, square cup, Rbin		
	Flux ^(A) at 500 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	1978	13	152
3000 K *	1957	13	151
2700 K	1898	13	146

(A)Output flux from the luminaire at commissioning (including thermal and optical yields compared to the flux from other sources) for given optics, maximal current and ambient temperature 25°C, as per IEC 62717 and IEC 62722 standards (B) Total power absorbed by the luminaire including all electrical equipment, as per IEC 62717 and IEC 62722 standards

MAINTENANCE

Maintenance	After removing 4 safety torc-20 screws, the fixation frame and glass can be removed. Remove 2 screws of 2 lenscaps and release the 2 ledboard wires from connector by pressing on connector. PCB board can be replaced. TO replace the driver, release the 4 internal safety torc-20 screws and take out and turn the metal white plate.
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* optional:

Xitanium 22W FP driver max output 3000K, 3020lm, Psys 25,8W

WARRANTY 5 years

