

## 3270 - Stelvio 1 - Plus - LED

Code: 330342-39



The range of street luminaires has been considerably expanded with the introduction of new fixtures with different light distributions to better meet urban lighting needs and to allow lighting designers to adjust to any setting.

Stelvio and Mini Stelvio represent the latest generation of streetlights, designed to fit new bulbs and modern lighting management and control systems.

The die-cast aluminium housing with aerodynamic profile is made to minimise wind resistance and features cooling fins to allow heat dissipation and optimal LED operation.

Stelvio and Mini Stelvio are also equipped with an anti-condensation valve and a control system that automatically reduces the current in the event of abnormal temperature rise.

These features ensure long service life.

The whole range includes dimming options. Moreover, there is a stand-alone system that reduces the luminous flux at night.

Each individual lighting fixture can be monitored via a sophisticated control, management and diagnostic system.

This is a system that can be operated remotely via power line carrier or wireless.

Stelvio and Mini Stelvio are products with a simple, linear design, with IP66 rating, in full compliance with lighting pollution standards and ENEC regulations.

Available in street, cycle and asymmetric optic versions. 350mA and 700mA power supply.

A controller is built into the luminaire to monitor the luminaires operating parameters.

The system also records data regarding the off-on times, the hours of LED use, and the total energy consumed by the system.

It is also possible to receive information regarding the supply voltage, current and power used, and the working temperature of the LEDs.

In the event of luminaire failures or anomalies, the system immediately sends the control station the data regarding the system and the luminaire that generated the failure.

It is possible to choose the driving current of the LEDs to ensure that the appropriate power is always available for any given design condition.



### GENERAL INFORMATION

Article	3270 - Stelvio 1 - Plus - LED
Code	330342-39

### DIMENSIONS AND WEIGHT

Length (mm)	360 mm
Width (mm)	350 mm
Height (mm)	156 mm
Weight (Kg)	9.7 kg

### INSTALLATION

Diameter (Ø) of pole connector (mm)	60-63 mm
Surface exposed to wind (mm)	L 22900 mm <sup>2</sup> , F 47000 mm <sup>2</sup>

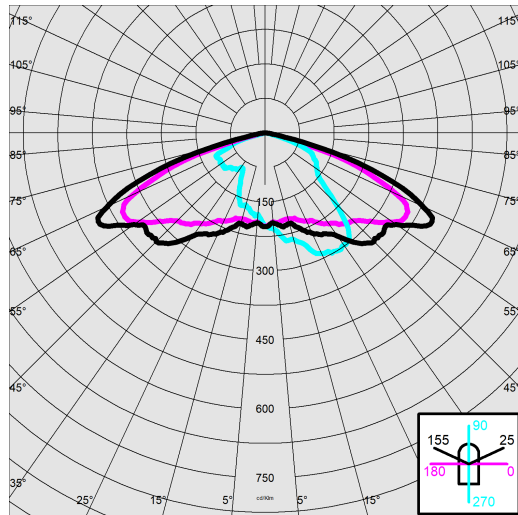
### ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Rated Current	600 mA
Surge protector (common) (EN 61547)	6 kV, 8 kV
Insulation class	Class II
Controllability	None

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### PHOTOMETRIC DATA



Lighting source	LED
CRI	≥70
Luminous flux (output) (lm)	12922 lm
Power absorption (total) (W)	103 W
CCT	3000 K
Luminous efficacy (lm/W)	125 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 80, B 10

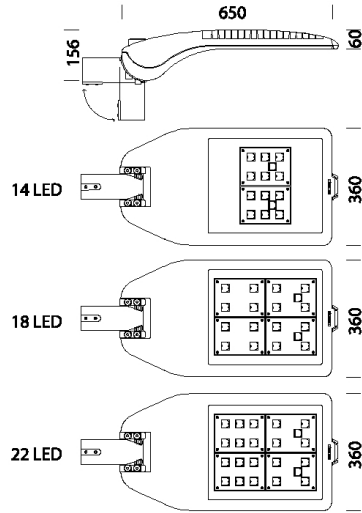
### MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK09
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	40 °C



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[DOWNLOAD](#)

## MOUNTS

[AssemblyInstructions stelvio - ministelvio 07-21.pdf](#)

## DESIGNS

[TechnicalDrawing 3270.dxf](#)

[TechnicalDrawing3D disano 3270 stelvio 28led.3ds](#)



## MATERIALS AND COLOURS

Housing	in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins integrated in the cover.
Optics	in high-performance PMMA resistant to high temperatures and UV rays. Flow recuperators in polycarbonate.
Diffuser	extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI-EN 12150-1:2001).
Heat sink	the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.
Pole connection	in die-cast aluminium with clamps for fastening the fixture at different angles. Adjustable from 0° to 15° for side-mount applications; and from 0° to 10° for top-mount applications. Tilt pitch 5°. Suitable for 63-60 mm diameter poles.
Coating	pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised.
Special coating (UPON REQUEST)	upon request: available with coating tested to withstand corrosion tests in aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front).
Colour	Anthracite
Equipment	<ul style="list-style-type: none"> <li>- selector switch.</li> <li>- waterproof connector for quick installation with no need to open the fixture.</li> <li>- anti-condensation valve.</li> <li>- temperature controller with auto-reset.</li> <li>- EN 61547 compliant surge protection.</li> <li>- ADVANCED PROG built-in functions.</li> </ul>

## STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE, ENEC
Reference standards	EN60598-1. With degree of protection according to EN60529.
Laboratory Tests	compliant with third-party certified vibration tests pursuant to ANSI C136.31: Street Lighting - Luminaire Vibration. Test level: 3.0G Level 2 for bridge/overpass applications.
Energy Label	C

## GEAR

Upon request	protection of up to 10KV.
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## WARRANTY

After sales warranty	5 yr
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**504 Single arm**



**508 Double arm**



**1491 Pole to be buried**



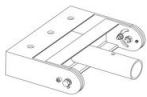
**1493 Pole with base**



**1477 Urban Pole - with base**



**1478 Urban Pole to be buried**



**578 Adjustable bracket**



**1508 Fluted pole ø 120 with base**



**1509 Fluted pole ø 120**