

## 3274 - Stelvio 2 - Plus - LED asymmetric

Code: 320360-39

### GENERAL INFORMATION



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.



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### DIMENSIONS AND WEIGHT

Length (mm)	650 mm
Width (mm)	360 mm
Height (mm)	156 mm
Weight (Kg)	10.5 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>

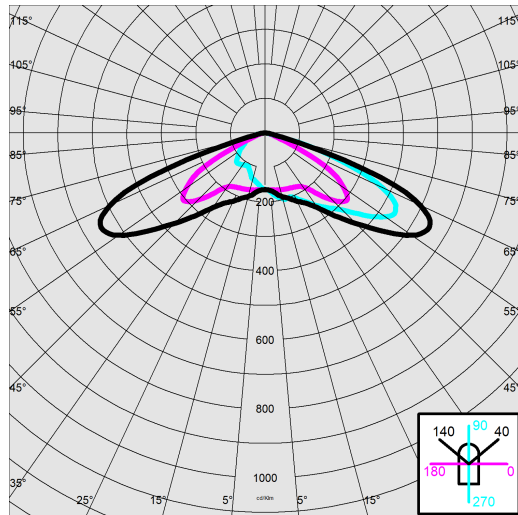
### ELECTRICAL CHARACTERISTICS AND CONTROLS

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



Distribution type	Asymmetric
Lighting source	LED
CRI	≥70
Luminous flux (output) (lm)	13185 lm
Power absorption (total) (W)	103 W
CCT	3000 K
Luminous efficacy (lm/W)	128 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

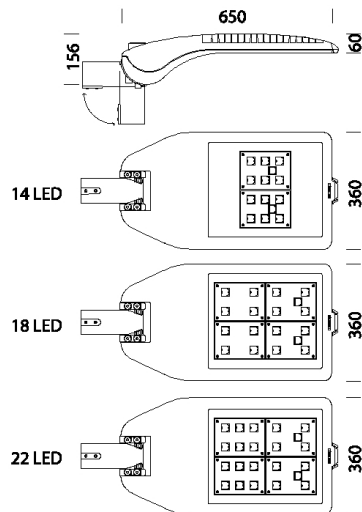
### MECHANICAL CHARACTERISTICS

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

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### MATERIALS AND COLOURS



### DOWNLOAD

#### MOUNTS

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

#### DESIGNS

[TechnicalDrawing 3270.dxf](#)

[TechnicalDrawing3D disano 3274 stelvio 22led.3ds](#)



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	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
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. They have a degree of protection according to the EN60529 standard.
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



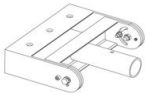
1493 Pole with base



1477 Urban Pole - with base



1478 Urban Pole to be buried



578 Adjustable bracket



1508 Fluted pole  $\varnothing$  120 with base



1509 Fluted pole  $\varnothing$  120