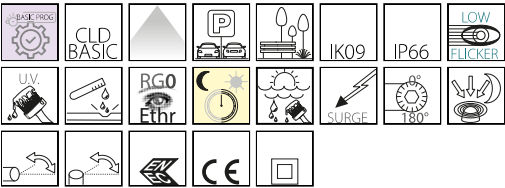


3376 - Mini Stelvio - high performance - large areas

Code: 340210-39



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.



Please contact the Consulting and Design Centre for any technical information. The reported luminous flux is the flux emitted by the light source with a tolerance of $\pm 10\%$ compared to the indicated value. The total wattage absorbed by the system will not exceed 10% of the reported value. Technical lighting data may be subject to changes and improvements due to the fast evolution of the technology. Monday, December 23, 2024

GENERAL INFORMATION

| | |
|---------|--|
| Article | 3376 - Mini Stelvio - high performance - large areas |
| Code | 340210-39 |

DIMENSIONS AND WEIGHT

| | |
|-------------|--------|
| Length (mm) | 530 mm |
| Width (mm) | 280 mm |
| Height (mm) | 156 mm |
| Weight (Kg) | 8 kg |

INSTALLATION

| | |
|-------------------------------------|---|
| Diameter (Ø) of pole connector (mm) | 60-63 mm |
| Surface exposed to wind (mm) | L 13900 mm ² , F 40000 mm ² |

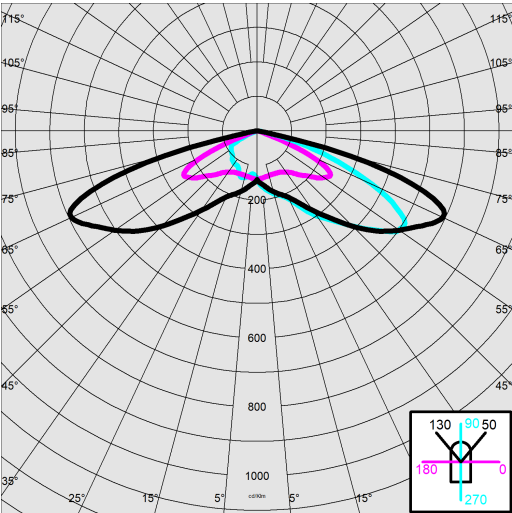
ELECTRICAL CHARACTERISTICS AND CONTROLS

| | |
|-------------------------------------|-------------|
| 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 |
| Surge protector (common) (EN 61547) | 6 kV, 10 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) | 5456 lm |
| Power absorption (total) (W) | 36 W |
| CCT | 3000 K |
| Luminous efficacy (lm/W) | 152 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance | 80000 hr, L 80, B 20 |

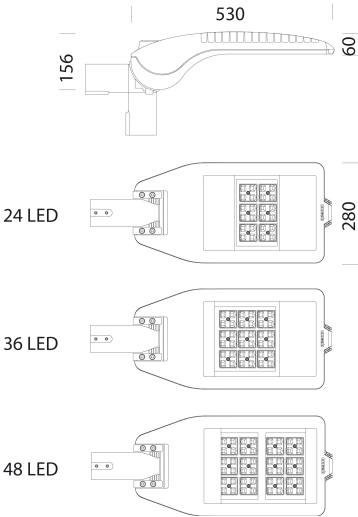
MECHANICAL CHARACTERISTICS

| | |
|-------------------------------|--------|
| 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 3376.dxf



| | |
|--------------------------------|---|
| 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. |
| 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">- selector switch.- waterproof connector for quick installation with no need to open the fixture.- anti-condensation valve.- temperature controller with auto-reset.- EN 61547 compliant surge protection.- BASIC PROG built-in functions. |

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 | <ul style="list-style-type: none">- protection of up to 10KV.- 1-10V dimmable power supply, subcode 12- virtual midnight device, subcode 30- power line carrier, subcode 0078- Nema Socket, subcode 40- Zhaga Socket, subcode 0054 |
|--------------|---|

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



1508 Fluted pole Ø 120 with base



1509 Fluted pole Ø 120