

Code: 330624-00



Each individual luminaire can be monitored through a technologically advanced control, management and diagnostic unit via a powerline remote control or wireless systems.



GENERAL INFORMATION

| | |
|---------|---------------------|
| Article | 3290 - Sella 1 - ST |
| Code | 330624-00 |

DIMENSIONS AND WEIGHT

| | |
|-------------|--------|
| Length (mm) | 603 mm |
| Width (mm) | 300 mm |
| Height (mm) | 180 mm |
| Weight (Kg) | 7.5 kg |

INSTALLATION

| | |
|-------------------------------------|---------------------------|
| Diameter (Ø) of pole connector (mm) | 42-76 mm |
| Surface exposed to wind (mm) | L 79000 mm², F 175000 mm² |

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 | ≥0.92 |
| Rated Current | 300 mA |
| Surge protector (common) (EN 61547) | 6 kV, 8 kV |
| Insulation class | Class II |
| Controllability | None |

3290 - Sella 1 - ST

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PHOTOMETRIC DATA



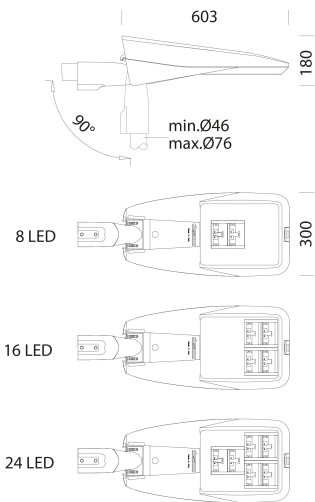
| | |
|------------------------------|--|
| Lighting source | LED |
| CRI | 70 |
| Luminous flux (output) (lm) | 5531 lm |
| Power absorption (total) (W) | 34 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 163 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater 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 | 50 °C |

3290 - Sella 1 - ST

Code: 330624-00



DOWNLOAD

MOUNTS

AssemblyInstructions sella 09-22.pdf

DESIGNS

BIM 3290 Sella1 - ST - 05-24.zip

TechnicalDrawing 3290n.dxf



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 | aluminium coated with very high purity (99.99%) silver using physical vapour deposition (PVD). |
| 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 for poles with a diameter between min. 42 mm and max. 76 mm, adjustable from 0° to 20° for side-mount applications; and from 0° to 20° for top-mount applications. Tilt pitch 5°. |
| Coating | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., resistance to 2000 hours of exposure to salty fog in compliance with Standard ASTM B 117 and exposure to UV rays in compliance with ASTM G 154. Grey = RAL 9006 Anthracite = RAL 7021 |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea. |
| Colour | Grey |
| 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.- CLD PROG built-in functions. |

STANDARDS AND COMPLIANCE

| | |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr |
| Markings and tests | CE, ENEC |
| Reference standards | EN60598-1. With degree of protection according to EN60529. Registered Design DM/100271. |
| 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 | E |

GEAR

| | |
|--------------|---------------------------|
| Upon request | protection of up to 10KV. |
|--------------|---------------------------|

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