

## Code: 330613-39

|                                                                                 |                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
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|  |  |  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |



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

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## 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                          | 640 mA     |
| Surge protector (common)<br>(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)  | 5144 lm                                                                              |
| Power absorption (total) (W) | 38 W                                                                                 |
| CCT                          | 3000 K                                                                               |
| Luminous efficacy (lm/W)     | 135 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  |

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions sella 09-22.pdf

DESIGNS

BIM 3291 Sella1 - STWB - 05-24.zip

TechnicalDrawing 3291n.dxf



|                                |                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.<br>Grey = RAL 9006<br>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"><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>- CLD PROG built-in functions.</li></ul> |

EMERGENCY LIGHTING

|                             |             |
|-----------------------------|-------------|
| Emergency power supply type | Not present |
|-----------------------------|-------------|

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

|              |                           |
|--------------|---------------------------|
| Sensors      |                           |
| 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**