

Code: 330613-00



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	3291 - Sella 1 - STWB
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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

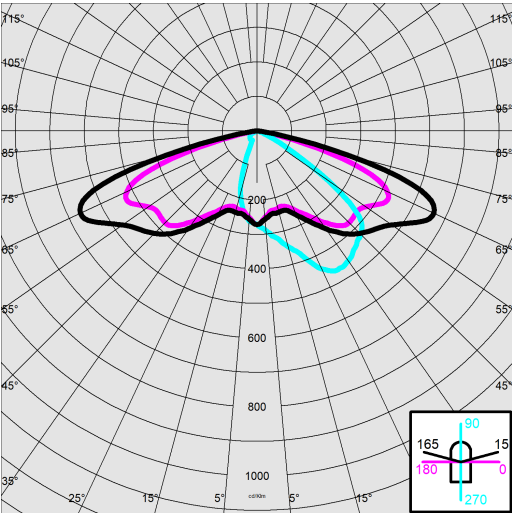
ELECTRICAL CHARACTERISTICS AND CONTROLS

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) (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)	4835 lm
Power absorption (total) (W)	38 W
CCT	4000 K
Luminous efficacy (lm/W)	127 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

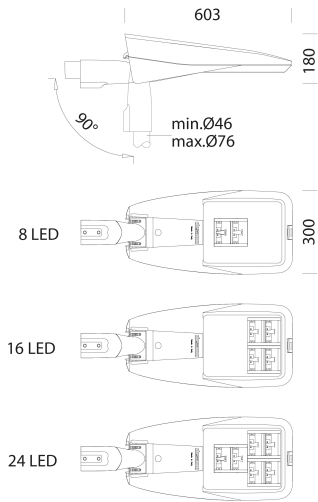
MECHANICAL CHARACTERISTICS

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. 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.
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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



1508 Fluted pole Ø 120 with base



1509 Fluted pole Ø 120