

3351 - Garda 2 - asymmetric

Code: 330520-00



High energy efficiency and excellent light quality are the fundamental requirements for LED urban lighting that represents the true transition to an environmentally friendly technology capable of improving the quality of life in small and large cities.

In addition their unique design, these new versions revised their wattages to increase efficiency, and their optical system was designed to control potential glare due to the LED increasing light intensity.

The versions with 4000K or warmer 3000K light enable creating lighting projects with very good results in terms of investment, management costs and user satisfaction.

Available in several versions - rotosymmetrical, asymmetrical, cycle, bisymmetrical - to design the best light paths and make the streets safe and liveable for drivers, cyclists and pedestrians.

In addition to being energy-efficient, these luminaires are highly technological and can be perfectly integrated with remote management, communication and surveillance systems that make the public lighting network the main support of any modern smart city.



GENERAL INFORMATION

| | |
|---------|-----------------------------|
| Article | 3351 - Garda 2 - asymmetric |
| Code | 330520-00 |

DIMENSIONS AND WEIGHT

| | |
|-------------------|--------|
| Height (mm) | 620 mm |
| Diameter (Ø) (mm) | 420 mm |
| Weight (Kg) | 5.7 kg |

INSTALLATION

| | |
|-------------------------------------|--|
| Diameter (Ø) of pole connector (mm) | 60-76 mm |
| Surface exposed to wind (mm) | L 76900 mm ² , F 125600 mm ² |

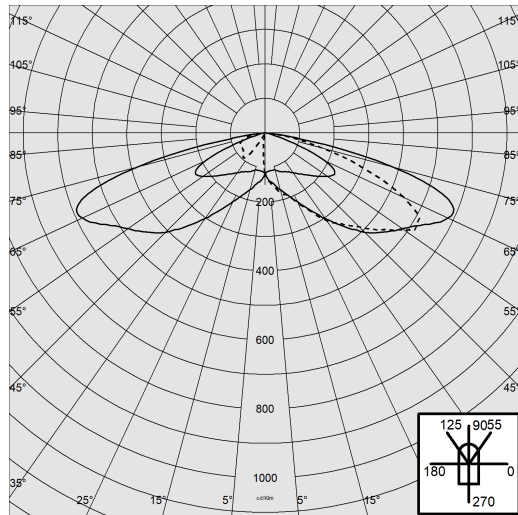
ELECTRICAL CHARACTERISTICS AND CONTROLS

| | |
|-------------------------------------|-------------|
| 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 |
| Rated Current | 500 mA |
| 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) | 3460 lm |
| Power absorption (total) (W) | 24 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 144 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Colour consistency | SDCM4 |
| LED flux maintenance | 100000 hr, L 80, B 10 |

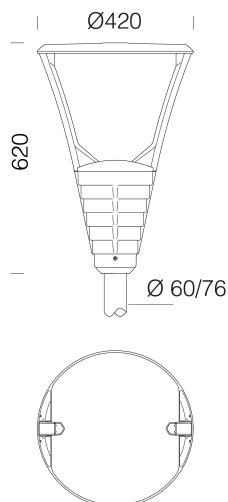
MECHANICAL CHARACTERISTICS

| | |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK09 |
| IP | 66 |
| Ambient temperature - min | -40 °C |
| Ambient temperature - max | 50 °C |



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DOWNLOAD

MOUNTS

[AssemblyInstructions garda iseo como 12-23.pdf](#)

DESIGNS

[TechnicalDrawing garda.dxf](#)



MATERIALS AND COLOURS

| | |
|--------------------------------|--|
| Housing | die-cast aluminium, designed with a very small surface exposed to wind. |
| Optics | in high-performance PMMA resistant to high temperatures and UV rays. |
| Diffuser | 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 | suited for poles with a diameter between 60 and 76 mm. |
| Coating | pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised. |
| Special coating (UPON REQUEST) | upon request: available with coating tested to withstand corrosion tests in aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front). |
| Colour | Anthracite |
| Equipment | <ul style="list-style-type: none"> - 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. With degree of protection according to EN60529. |
| Energy Label | D |

WARRANTY

| | |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

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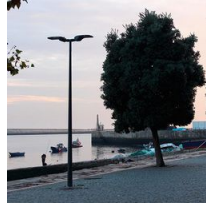
109 Anti-glare shield



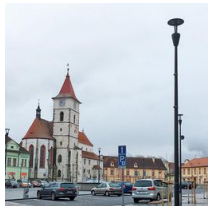
5 Fibreglass pole



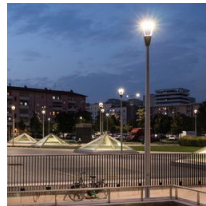
1278 Conical



1481 steel conical pole to be buried



1480 steel conical pole with base



1478 Urban Pole to be buried



1477 Urban Pole - with base



1408 Fluted pole ø 100 with base



1409 Fluted pole ø 100



1508 Fluted pole ø 120 with base



1509 Fluted pole ø 120