

3496 - Giovi - left (LH) - pedestrian crossings

Code: 341080-00

GENERAL INFORMATION

|         |   |
|---------|---|
| Article | 3496 - Giovi - left (LH) - pedestrian crossings |
| Code    | 341080-00                                       |

DIMENSIONS AND WEIGHT

|             |          |
|-------------|----------|
| Length (mm) | 735 mm   |
| Width (mm)  | 355 mm   |
| Height (mm) | 121 mm   |
| Weight (Kg) | 10.52 kg |

INSTALLATION

|                                     |                           |
|-------------------------------------|---------------------------|
| Diameter (Ø) of pole connector (mm) | 46-76 mm                  |
| Surface exposed to wind (mm)        | L 62000 mm², F 252000 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                        | ≥0.9        |
| Rated Current                       | 700 mA      |
| Surge protector (common) (EN 61547) | 6 kV, 10 kV |
| Insulation class                    | Class II    |
| Controllability                     | None        |



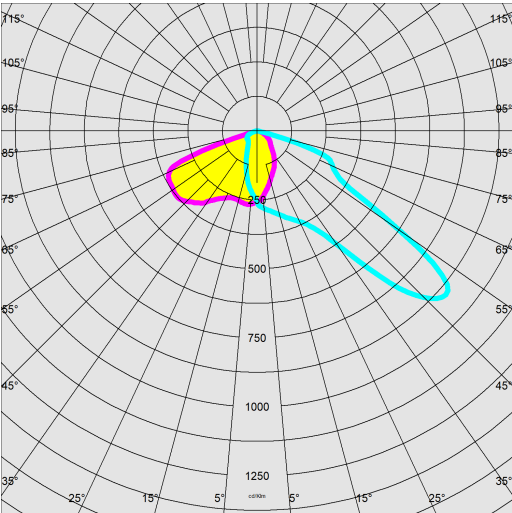
Giovi represents the latest generation of LED street lamps designed to fit the new light sources and the most advanced lighting control and management systems. Its housing in die-cast aluminium offers very little resistance to wind with its cooling fins specifically studied to allow optimal heat dissipation and efficient LED operation.



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PHOTOMETRIC DATA



|                              |  |
|------------------------------|--|
| Distribution type            | Asymmetric   |
| Lighting source              | LED  |
| CRI                          | 70   |
| Luminous flux (output) (lm)  | 25423 lm   |
| Power absorption (total) (W) | 170 W  |
| CCT                          | 4000 K   |
| Luminous efficacy (lm/W)     | 150 lm/W   |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance         | 100000 hr, L 90, B 10  |

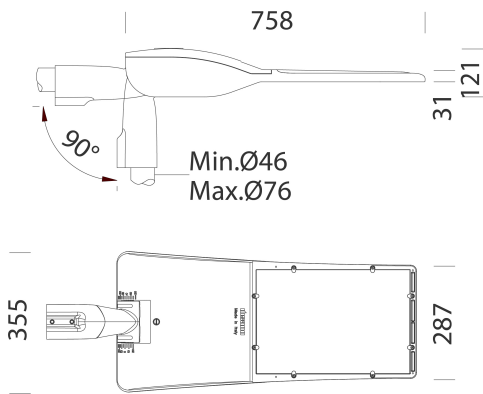
MECHANICAL CHARACTERISTICS

|                               |        |
|-------------------------------|--------|
| 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 giovi - minigiovi 09-22.pdf

DESIGNS

BIM 3496 Giovi - left - 04-24.zip

TechnicalDrawing giovi.dxf



|                                |   |
|--------------------------------|---|
| Housing                        | EN-AB 47100 die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins integrated in the cover. The lid can be removed to access the electrical components.  |
| 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 for poles with a diameter between min. 46 mm and max. 76 mm, adjustable from -20° to +10° for side-mount applications; and from 0° to +20° for top-mount applications. Tilt pitch 5°.   |
| 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                         | Graphite  |
| Equipment                      | <ul style="list-style-type: none"> <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>- ADVANCED PROG built-in functions.</li> </ul> |

STANDARDS AND COMPLIANCE

|                              |  |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr   |
| Markings and tests           | CE, ENEC, ENEC+, ZHAGA D4i   |
| 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                 | C  |

GEAR

|              |  |
|--------------|--|
| Upon request | constant light output (CLO) function. Suitable for emergency lighting systems. |
|--------------|--|

WARRANTY

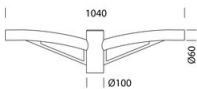
|                      |      |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

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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**