

3472 - Giovi M1 - street

Code: 341132-00



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.



GENERAL INFORMATION

|         |                          |
|---------|--------------------------|
| Article | 3472 - Giovi M1 - street |
| Code    | 341132-00                |

DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 758 mm |
| Width (mm)  | 355 mm |
| Height (mm) | 121 mm |
| Weight (Kg) | 8.9 kg |

INSTALLATION

|                                     |                           |
|-------------------------------------|---------------------------|
| Diameter (Ø) of pole connector (mm) | 46-76 mm                  |
| Surface exposed to wind (mm)        | L 62000 mm², F 252000 mm² |

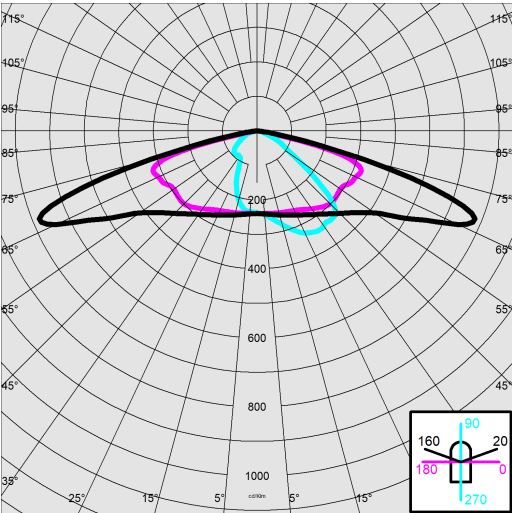
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |             |
|-------------------------------------|-------------|
| 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                       | 530 mA      |
| Surge protector (common) (EN 61547) | 6 kV, 10 kV |
| Insulation class                    | Class II    |
| Controllability                     | None        |

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PHOTOMETRIC DATA



|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| Distribution type            | Medium / High centre distance                                                        |
| Lighting source              | LED                                                                                  |
| CRI                          | 70                                                                                   |
| Luminous flux (output) (lm)  | 24101 lm                                                                             |
| Power absorption (total) (W) | 150 W                                                                                |
| CCT                          | 4000 K                                                                               |
| Luminous efficacy (lm/W)     | 161 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 02-26.pdf

DESIGNS

BIM 3472 GioviM1 - 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                        | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021                                                                                                                                                              |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.                                                                                                                                                                                                           |
| Colour                         | Anthracite                                                                                                                                                                                                                                                                                                       |
| 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>- 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           | ENEC+, CE, 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

|              |                                                                                                                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensors      |                                                                                                                                                                                                                   |
| Upon request | <ul style="list-style-type: none"> <li>- virtual midnight device, subcode -30</li> <li>- Nema Socket, subcode -40 (cap to be ordered separately)</li> <li>- Zhaga Socket, subcode -0054 (cap included)</li> </ul> |

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