3472 - Giovi M1 - street

Code: 341022-00

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

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DIMENSIONS AND WEIGHT

Length (mm)	758 mm
Width (mm)	355 mm
Height (mm)	121 mm
Weight (Kg)	9.5 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

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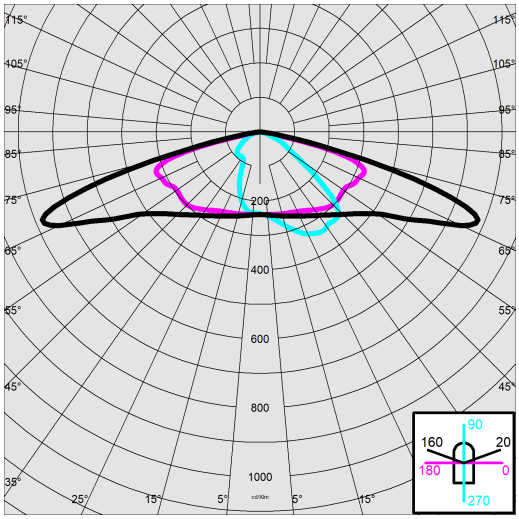

PHOTOMETRIC DATA

Distribution type	Medium / High centre distance
Lighting source	LED
CRI	70
Luminous flux (output) (lm)	30056 lm
Power absorption (total) (W)	203 W
CCT	4000 K
Luminous efficacy (lm/W)	148 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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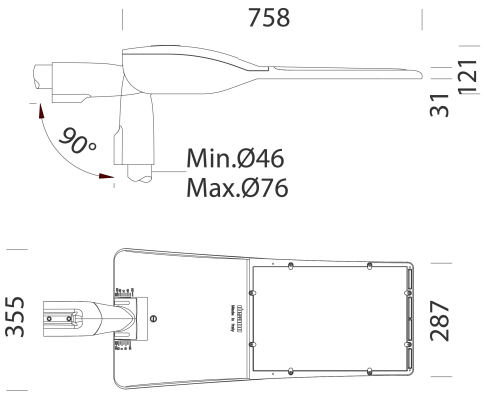

DOWNLOAD

MOUNTS

AssemblyInstructions giovi - minigiovi 09-22.pdf

DESIGNS

BIM 3472 GioviM1 - 04-24.zip

TechnicalDrawing giovi.dxf

MATERIALS AND COLOURS

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 resistent 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.
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
Colour	Graphite
Equipment	- 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. - ADVANCED PROG built-in functions.

STANDARDS AND COMPLIANCE

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

GEAR

Upon request	- virtual midnight device, subcode -30 - Nema Socket, subcode -40 (cap to be ordered separately) - Zhaga Socket, subcode -0054 (cap included)

WARRANTY

After sales warranty	5 yr

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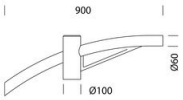
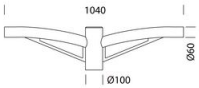


504 Single arm



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

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