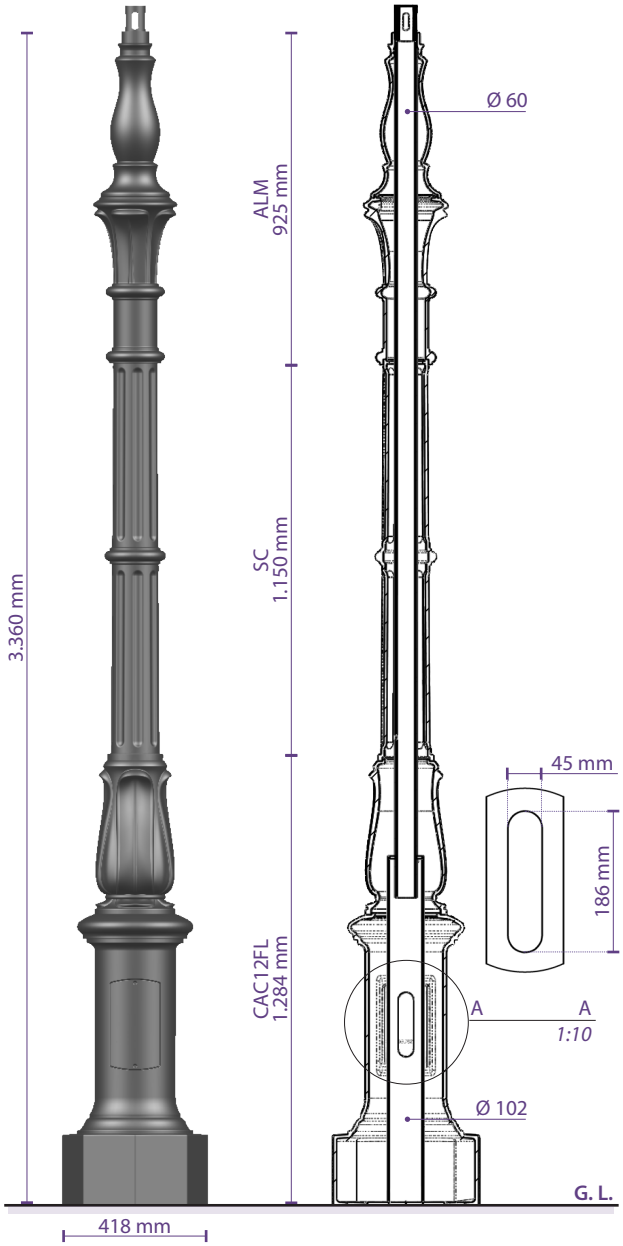
Car12FL SC-ALM

Product code: CAC12 SC-ALM

Flange
CAC12 SC-ALM_F

Foundation
CAC12 SC-ALM_M

Cast iron pole with steel core and cast iron base, prepared for pole-top system installation.
The pole is composed of: base with decorative element, double grooved column (SC) and capital (ALM).
The pole is equipped with an M12 screw, steel inox AISI 304 (grounding).



Scale: 1:20

Conformity

CE EN40-5

Geometry and mechanical features

Total height:	3.360 mm
Total weight:	flange: 157 Kg
	foundation: 159 Kg

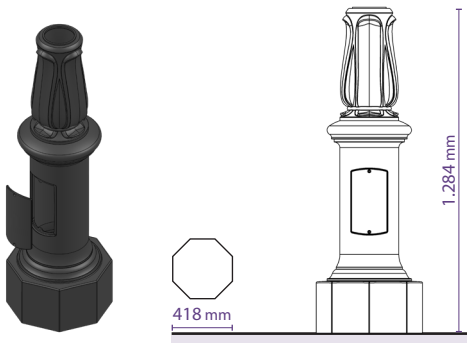
Materials | Color

Base:	Cast-iron | EN1561
Enspection door:	Aluminum casting | UNI EN 1371-1
Column | Capital:	Cast-iron | EN1561
Core:	Steel S235 - hot galvanized | UNI EN 10219 - EN1461
Color:	Dark grey (ferromicaceo) Ghisamestieri®

Base

Car12FL — 76 Kg

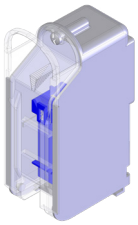
Scale: 1:25



Terminal block 4x16mm²

Fitting door

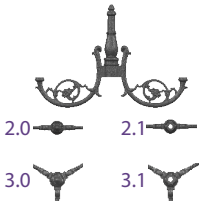
ISIWAY



Pole-top systems

Standard

25



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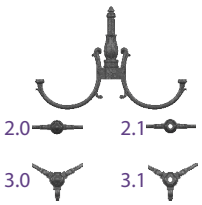
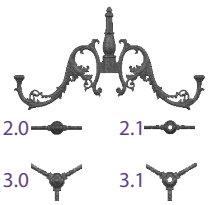
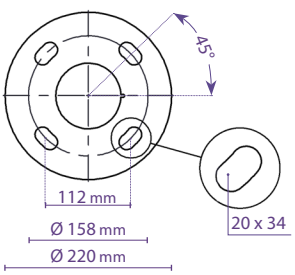


Venezia

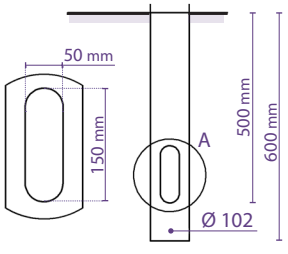


Fixing type

Flange



Foundation



Supplied:
Heat-shrink sheath

Protection cycles

GMR ENLIGHTS works with cast iron, steel and aluminum. The materials are selected and processed to maximize performance and quality.

GALVANIZED STEEL

Protection of galvanized steel surfaces for poles

The protection of galvanized steel elements is achieved by following steps:

- Micro sandblasting;
- First epoxy layer application followed by:
Wilting > Drying > Cooling;
- Acrylic glaze layer application followed by:
Wilting > Drying > Cooling;
- Packing at least after 24-hour-drying at room temperature.

Protection of galvanized steel surfaces for brackets and pastorals

The protection of the galvanized steel elements is achieved thanks to:

- Micro sandblasting;
- Phosphoric pickling bath at a ph level ranging from 1.5 to 3;
- Rinsing with demineralised water;
- First powder layer application;
- Kiln firing;
- Application of a final powder layer;
- Kiln roasting of the final powder layer at 180°;
- Cooling.

CAST IRON

Protection of cast iron surfaces for bases

The protection of cast iron elements is achieved by the following treatments:

- Surface micro shotblasting;
- Mono-component dip galvanizing followed by:
Wilting > Drying > Cooling;
- Epoxy micaceous primer application followed by:
Wilting > Drying > Cooling;
- Acrylic enamel application followed by:
Wilting > Drying > Cooling;
- Packing at least after 24-hour-drying at room temperature.

DIE-CAST ALUMINIUM

Protection of die-cast aluminium surfaces for lighting fixtures, tops, collars, brackets and pastorals

Brackets, pastoral, and die-cast accessories undergo a cycle of powder painting which creates a barrier against the corrosion of metal parts. Moreover this barrier makes the finished product comply with design specifications in terms of surface roughness, color and reflectance. The cycle consists of the following steps:

- Micro sandblasting;
- Hot pickling bath in a zinc-based phosphodegreasing solution;
- Specific process for the preparation of surfaces before painting;
- Washing with water;
- Rinsing with demineralised water and subsequent drying;
- First bowder layer application followed by kiln baking at 180°;
- Final powder layer application using a High Durability product and final kiln roasting at 180°C.

Salt spray test | FLORIDA TEST

The top quality of such treatments is confirmed by salt spray tests performed in accordance with standard ISO 9227:2017 Neutral Salt Spray test (NSS).
The test was carried out for 8.000 hours at 35 °C and demostrated through the report test released.

GMR ENLIGHTS s.r.l

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