

# Camelot Elaine pole 035

Product code: CEP035



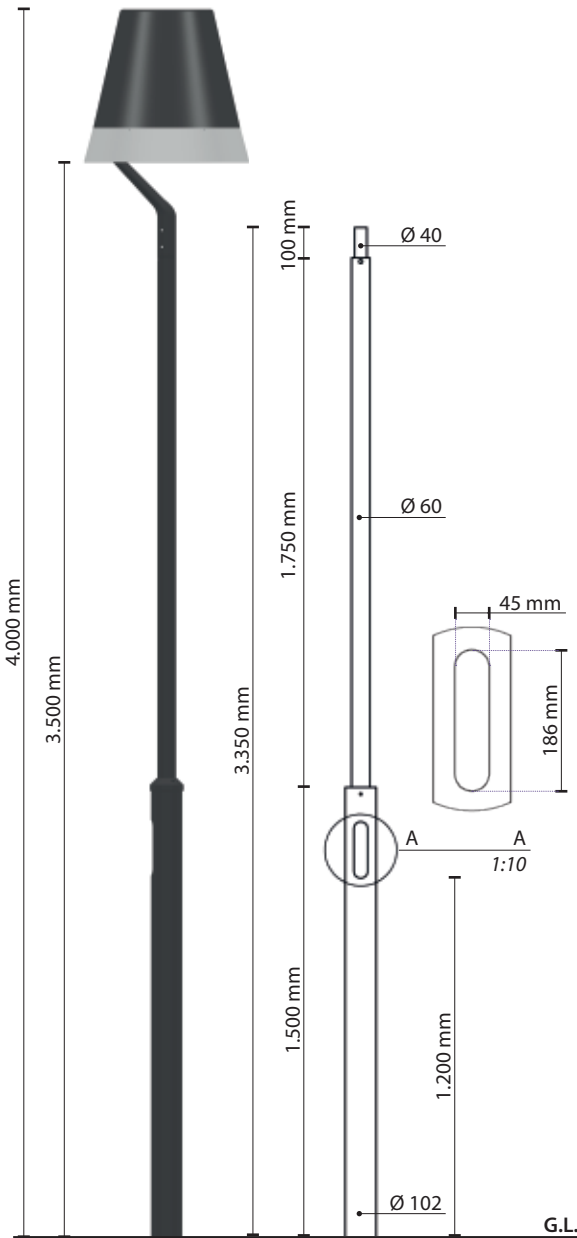
Flange  
CEP035\_F



Foundation  
CEP035\_M

Pole with a cylindrical steel core and a die cast aluminium decorative junction collar.

The pole is prepared for the top-pole installation of Camelot C.  
(The lighting fixture is equipped with the proper fixing junction).  
The pole is equipped with an M12 screw, steel inox AISI 304 (grounding).



Scale: 1:25

## Conformity



## Geometry and mechanical features

Total height:	4000 mm
Lighting fixture height:	3500 mm
Core height:	3350 mm
Total weight:	⊕ flange: 34 Kg ⊕ fondation: 35 Kg

## Materials | Color

Pole:	Steel S235 - hot galvanized   EN 10027 - EN1461
Collar:	Die cast aluminium   EN1706
Terminal block:	Die cast aluminium   EN1706
Color:	Dark grey (ferromicaceo) Ghisamestieri®

## Terminal block M2 4x16 mm<sup>2</sup>

Smooth fitting door



## Top-pole system

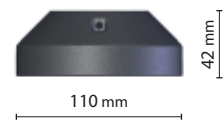
Camelot C (specific data sheet)



## Collar

0,12 Kg

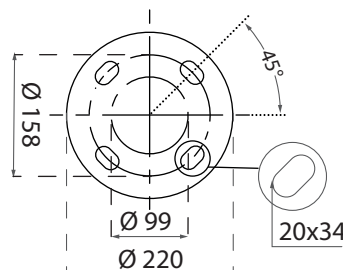
Scale: 1:5



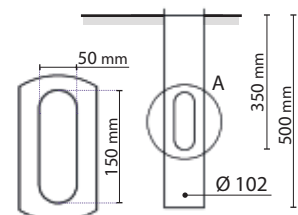
## Fixing type



Flange



Foundation



Supplied:  
Heat-shrink sheath

## Protection cycles

### 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
- Phospho-chromatation for surfeces clearing
- Washing with water
- Rinsing with demineralised water and subsequent drying
- First powder 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 sray test | FLORIDA TEST

The top quality of such treatments is confirmed by the succesfull results of specific salt spray test ( all products exce- eded widely 2.500 hours) and the strictest international tests, among which FLORIDA TEST.

The salt spray test is made in accordance with standard UNI EN ISO 9227.



**GMR ENLIGHTS s.r.l**

Legal headquarters:  
Strada Provinciale Spechia - Alessano, 68 • 73040 (LE)

Administrative and operational headquarters:  
Via Grande n°226 • 47032 Bertinoro (FC)

T +39 0543 462611  
F +39 0543 449111

**sales@gmrenlights.com**  
**www.gmrenlights.com**