

Project location:			
Project name:			
Model #:	1191.051	Date	

## DESCRIPTION

### Compliance:

- Compliant with AASHTO 2015 standard.
- Design for wind speed 180 MPH.
- \* design criteria: 2020 Florida Building Code, Risk Category II, Exposure.

### Description

Lamp post composed of elements in UNI EN 1561 cast iron with core in S355J UNI EN 10219-1 steel, hot-galvanized to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The core (A) is made up of five tubes of different cross-section, according to the internal diameter of the cast iron elements (diam. 4 2/4" x 3' 7" - diam. 2 3/4" x 17 3/4" - diam. 2 1/4" x 3' 3 1/4" - diam. 2" x 26 2/4" - diam. 1 2/4" x 8 3/4"), welded together at their junctions.

It is suitable for flange fixing (diam. 9 3/4" - thickness 2/4") on a foundation plinth (P). It is provided with an M10 earthing bolt marked by a small indicator plate, a slot (D - height 5 1/4" x 1 2/4") for the installation of a Class II insulation terminal board with or without fuse (Conchiglia), a slot (E - height 6" x 1 2/4") above ground level and a 3/4" GAS threaded bush (Z) welded to the top.

The cast iron post is made up of a number of elements that are fitted over each other so as to prevent water infiltration.

The elements are as follows:

1° Base element height 33 3/4", with a circular plinth (diam. 19", height 4 1/4"), surmounted by a cyma recta (F), a scotia (G, diam. 10 1/4"), a torus decorated with laurel leaves (H, diam. 14 2/4"), a tapered central section (lower diam. 9 2/4", top diam. 8") with an inspection hatch (4 1/4" x 11 2/4") and a torus decorated with twenty ovoli (I, diam. 13 2/4").

2° Second element height 14 2/4", decorated with four acanthus leaves (L, diam. 8 1/4");

3° Third element height 3' 1/4", tapered (lower diam. 4 1/4", top diam. 3 3/4") and decorated with eight flutes.

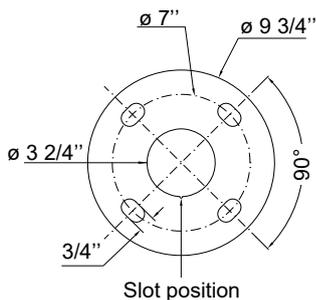
The above elements are all cast as single pieces.

The total height of these first two elements is 7' 1/4".

### Protection of surfaces

Please refer to the specification on painting procedures of the materials.

### Flange detail



## DRAWINGS

