

Project location:			
Project name:			
Model #:	1250.016	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 S235J 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 three tubes of different cross-section, according to the internal diameter of the cast iron elements (diam. 5 1/4" x 3' 7 1/4" - diam. 3 2/4" x 9' 7 3/4" - diam. 2 1/4" x 4' 10 3/4"), welded together at their junctions (B).

It is suitable for flange fixing (diam. 10 2/4" - thickness 3/4") on a foundation plinth (P). It is provided with an M10 earthing bolt marked by a small indicator plate, a slot (D, height 7 1/4" x 1 3/4") for the installation of a Class II insulation terminal board with or without fuse (Conchiglia).

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 32 3/4", with an octagonal plinth (distance between flats 15 1/4", height 8"), a cylindrical central section (diam. 9 2/4") with an inspection hatch (4 2/4" x 12 2/4") and a cymatium (diam. 12 3/4").

2°) Second element height 18" (lower diam. 9 2/4", central diam. 9", top diam. 7 3/4") decorated with leaves.

3°) Third element height 3' 10 2/4", tapered (lower diam. 5 2/4") and decorated with eight flutes.

4°) Fourth element height 4' 6", tapered (top diam. 5") and decorated with eight flutes, one torus at the bottom and two at the top (F).

5°) Fifth element height 9" (central diam. 9 2/4"), in the form of a capital decorated with leaves.

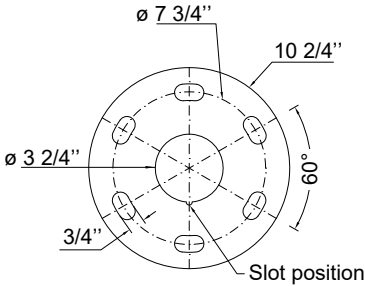
The above elements are all cast as single pieces.

The total height of these first five elements is 13' 3 3/4".

Protection of surfaces

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

Flange detail



DRAWINGS

