

Project location:			
Project name:			
Model #:	1315.601	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 in UNI EN 1561 cast iron and UNI EN10219-1 steel, hot-galvanized to UNI EN ISO 1461 standards.

Composed as follows:

Tapered post (A) in steel with a circular cross-section, hotgalvanized, made up of three tubes welded together at their junction (B), with dimensions $\varnothing 5'' \times 11' 5 \frac{3}{4}''$; $\varnothing 4'' \times 6' 2 \frac{3}{4}''$.

The post is designed to be attached to a foundation plinth (P) by means of a flange ($\varnothing 10 \frac{1}{2}''$ - thickness $\frac{3}{4}''$).

It is provided with an M10 earthing bolt marked by a small indicator plate, a slot (C – height $7 \frac{1}{4}'' \times 1 \frac{3}{4}''$) for the installation of a class II insulation terminal board with or without fuse.

The top of the post has six M10 screws (Z) for securing a suspension bracket fitted into the post.

1°) Cast iron base height $3' 7 \frac{1}{4}''$ (diam. $15 \frac{3}{4}''$), cast in a single piece with a circular plinth surmounted by a torus (D); a cylindrical central section with an inspection hatch ($4 \frac{1}{4}'' \times 13 \frac{3}{4}''$), a torus (E) and a cylindrical section decorated with a torus to form a junction for the steel post.

2°) cast iron decorative ring, to be fitted where the post is tapered. Shapes and measurements as indicated in the drawing.

The total height is $17' 8 \frac{1}{4}''$.
Total weight is 304.24 lb.

Protection of surfaces

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

Flange detail

