

Project location:			
Project name:			
Model #:	1307.501	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 two tubes welded together at their junction (B), with dimensions diam. 4" x 9' 4 1/4" – diam. 3 2/4" x 6' 3/4".

The post is designed to be attached to a foundation plinth (P) by means of a flange (diam. 9 3/4" - thickness 2/4").

It is provided with an M10 earthing bolt marked by a small indicator plate, a slot (B – height 5 1/4" x 1 2/4") for the installation of a class II insulation terminal board with or without fuse; die-cast aluminium hatch (C) for closing the slot (B) with IP54 protection rating.

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

1°) Cast iron base (height 9 1/4") with a circular plinth (diam. 12 1/4"). The top of the base has three M8 stainless steel grubscrews for securing it to the 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 15' 5".

Total weight is 165.35 lb.

Protection of surfaces

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

DRAWINGS

Flange detail

