

Project location:			
Project name:			
Model #:	1119.801.204	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
Lighting post in steel UNI EN 10219, hot-dip galvanised in accordance with the UNI EN ISO 1461 standard, corresponding in shape and size to the drawing which is an integral part of the design.
The post is composed as follows:
- first element, the core with circular section in hot-dip galvanised steel, is designed to be attached to a foundation plinth by means of a flange and it's made up of three pipes and a plate (between second and third pipes) welded to each another.
The pipes are of the following dimensions:
first pipe: external diameter 5", height 9' 10";
second pipe: external diameter 4", height 16' 4 3/4";
third pipe: external diameter 2 1/4", height 4".
Flange dimensions: 11 3/4" x 11 3/4" (thickness 2/4").
This first element has:
a threaded M10 bushing for the earthing connection;
a 15 3/4" x 3 2/4" slot suitable for mounting terminal block with or without fuse.
- Second element, a door in die-cast aluminium (dimensions 15 3/4" x 3 2/4"), placed at the closing of the slot.

Height of the post above ground: 26' 7".
Weight: 185.19 lb.

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

DRAWINGS

Flange detail

