

|                   |                          |      |  |
|-------------------|--------------------------|------|--|
| Project location: |                          |      |  |
| Project name:     |                          |      |  |
| Model #:          | LPA01 12 RT SB Neri Grey | Date |  |

**Compliance:**

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



**Dimensions - Weight:**

| Height | Diameter | Projection | Weight  |
|--------|----------|------------|---------|
| 13'    | 4"       | 1' 7 1/2"  | 45.0 lb |

**Materials:**

- Aluminum 6061-T6 (ASTM B221-20).
- Cast aluminum 356-T6.
- Plastic.

**Description:**

Lamp post in aluminum with circular section, made up of two tubes with the following dimensions: tube  $\varnothing 4'' \times 12'$  (A) ; tube  $\varnothing 3 1/2'' \times 7'$ . Weight 38.0 lb.

The post is equipped with:

- a square flange;
- a hand hole (B) 2.5" X 5";
- a hand hole cover in Cast aluminum.

Top composed by tubes in aluminum welded together with outside insertion on tube diameter 3 1/2". Weight 7.0 lb.

The main vertical tube (height 1' -  $\varnothing 4''$ ) is closed at the top with a plastic cap.

The horizontal arm (length 1' 4" -  $\varnothing 2 1/4''$ ) is welded to the main vertical tube on one side and on the other side to a vertical tube (height 10" -  $\varnothing 6'' / 4''$ ), suitable for a post top mounting.

**Fastening**

- square flange for fastening with anchor bolts to the foundation plinth (P)

| Dimensions | Thickness | Bolt Holes         | Center hole opening |
|------------|-----------|--------------------|---------------------|
| 8" X 8"    | 3"        | n. 4 X 1" X 1 1/2" | 4"                  |

**Measures and material for anchor bolts:**

| D - (Diameter) | L - (Length) | H - (Hooks) | F - (Threaded) |
|----------------|--------------|-------------|----------------|
| 3/4"           | 18"          | 3"          | 4"             |

- Hot dip galvanized steel to ASTM F1554-55 Standard.
- Anchor bolts must be with a minimum guaranteed yield strength of 50,000 psi, and to have upper part threaded.
- Keep 3.00" of threading above ground for nuts and washer.
- N. 8 hex nuts and N.8 flat washers included.

**Finish:**

- Standard colour is dark grey NERI type.
- Information about paint steps used on this product in specific technical sheet.

**Note:**

- NERI will not accept any responsibility for incorrect anchorage placement.

**Flange - Detail**

