## LATTICE TOWERS

## Floodlight towers

### **DATASHEET**

**Product nr.**Ref. nr.
Latest rev.

**S 0 18,0M-00** 05.01.01.01.30 21.10.2020



# Series 0

### 18,0 m

The given tower is designed as an equilateral triangle, with a fully welded steel lattice, composed by legs and bracing made of solid round bars.

Lamp brackets are mounted using a top-ring with screws, so that the lamp brackets can be rotated to the desired position.

Total theoretical mast weight ( $\pm$  10%) (excluding the lamp brackets) = 293 kg Leg distance at tower base = 550 mm

All the steel is hot dip galvanized and is designed according to DS/EN ISO 1461.

#### **Application:**

The mast can be used in accordance with the standard LTR 6000 series for brackets, suitable for standard lamp types, such as Siteco A3 Maxi and FL20 Maxi and Phillips 20 Optivision.

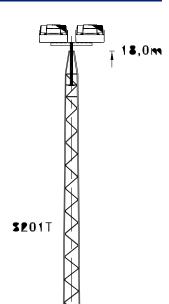
| Number of lamps       | 1                  | 2                   | 3                   | 4                   |
|-----------------------|--------------------|---------------------|---------------------|---------------------|
| Lamp brackets         | LT-01-00           | LT-02-00            | LT-03-00            | LT-04-00            |
| Wind drag area,<br>Aw | 0,2 m <sup>2</sup> | 0,45 m <sup>2</sup> | 0,71 m <sup>2</sup> | 0,72 m <sup>2</sup> |
| Weight                | 30 kg              | 57 kg               | 87 kg               | 106 kg              |

The values shown in the table are calculated according to EN 1993-3-1 + NA - Design of Steel Structures – Towers and Masts.  $A_w$  is wind drag area incl. form factor.

#### **Foundation types:**

The following foundation solutions can be used with the mast:

| Foundation | Block foun-<br>dation for<br>casting on<br>site | Prefabrica-<br>ted dig-in<br>foundations | Steel foun-<br>dation for<br>dig-in solu-<br>tions | Movable foun-<br>dations, nor-<br>mally for tem-<br>porary sites | Bedrock<br>anchoring |
|------------|---|--|--|--|----------------------|
| Туре       | F202/302  | PF202/302                                | SF202/302  | FF202/302  | FA202/302            |



• 0,0m