LATTICE TOWERS

Floodlight towers

DATASHEET

Product nr. Ref. nr. Latest rev. **S 1 18,0M-50** 05.01.02.01.35 21.10.2020



Series 1

18,0 m

e 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 on the top of the tower and have the possibility to install up to 8 lamps.

Total theoretical mast weight (\pm 10%) (excluding the lamp brackets) = 281 kg Leg distance at tower base = 700 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.

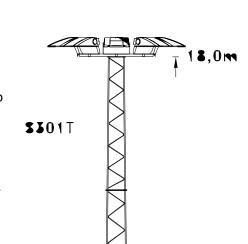
Number of lamps	6	8	
Lamp brackets	LT-06-00	LT-08-00	
Wind drag area, Aw	0,99 m²	1,31 m ²	
Weight	174 kg	245 kg	

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	Prefabrica-	Steel	Movable	Bedrock
	founda-	ted dig-in	foundation	foundations,	anchoring
	tion for	foundati-	for dig-in	normally for	
	casting on	ons	solutions	temporary	
	site			sites	
Туре	F303	PF303	SF303	FF303	FA303



2100

