

**Specifications for tubular lamp posts alongwith allied works**

Tubular lamp post made out of 3.5m long (2.9m above ground level) 100mm diameter "C" class GI pipe and erection of the same onto pathway complete including foundation, coping not less than 300mm X 300mm X 150mm (height above ground level), base plate of size 320mmx320mmx10mm, suitable top cover made of 3mm thick hot dip galvanized GI sheet, with necessary fixing of G.I. Strip "L" channel of size of 50 X 50 X 6mm and not less than one metre length and fixing of LED light at 1m from Ground level (or as directed by Section Engineer in charge at site).

The tubular pole shall be hot dip galvanized in single dip to average 70 microns DFT.

The foundation shall be of 1:2:4 mix (M20) of size of 450 X 450mm at bottom, 450 X 450mm at top and 800mm depth (below ground level).

Two numbers of 40mm dia.medium-duty [B class] GI pipes confirming to IS: 1239 P1/2004, P2/1992 or latest, each 1.0m long, bent to shape to facilitate leading of LTUG cable shall be embedded in the foundation.

The foundation shall have cement and sand beds of 450X450X100mm depth cement concrete 1:4:8 mix and 450 X 450 X 100mm depth of sand filling.

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