LED Street Light Pole Installation Procedure

There are five installation procedures of led street lamp pole for your reference.

1, Subgrade Excavation
Firstly, we contact the departments of the pipeline to understand the approximate distribution of underground cables, and knowing the detailed division of underground pipelines through excavation channels. To dig in order and digging a rainy-day temporary drain. Excavation should be measured with guidance, do not over break or under the break.

2, Foundation earthwork Excavation
Excavation of deep, long and wide earthwork of foundation pit with excavator, then manually follow the diagram size to trim the design elevation. If there is an over excavation, we should be graded crushed stone or sand backfill to the design value. Do not use abandoned soil in situ backfill.

3, Installation of Steel Bar and Embedded Parts
Install rebar according to specifications: Skeleton size, spacing, verticality, protection settings, the position of the present parts and reinforcement of the accepted standard.

4, Concrete Pouring
The concrete pouring should be symmetrical and stratified, and the thickness should be controlled within 25 ~ 30cm by inserting type vibrator. Mastering the initial coagulation time of concrete and ensuring the quality of the concrete interface. Heightening concrete and no boiling while pouring middle hanger formwork. After the concrete strength reaches 2.5MPa, moisturizing and insulation for 7 days.

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5, Base Backfill
This is the last process of led street lighting pole installation procedure. When the foundation concrete reaches the design strength of more than 75%, we can back-filling in layers and compact the concrete with battering ram on the basis of not destroying the finished product.

6, Cleaning the basic embedded parts of the wire buckle tape, install the led street light pole.
Use a crane, a special lock buckle (Non-slip, firm, easy to remove from the loose), rope to control the lifting point (1/3 Poles High). Leveling with dry rigid mortar or thin plate and spotting with the vertical ball method, immediately install the anchor screws after the attention.

As to the street lamps installation and maintenance procedure, please move to LED Street Light Installation Guide and Maintenance Procedure.