Types of Street Lights

There are many different types of street lights in lighting field. LED street lamp is a Luminescent lighting system which is used on roads, streets and public squares. It usually starts to shine at night or in the dark, and goes out after dawn.

The basic function of street lamp is illumination, it also can be applied to Art Work, Landmark, Signpost, Telephone Booth, Message Board, Mailbox, Advertisement Lamp Box, etc. Street Lights are used outdoors, so the luminaries must be sealed for waterproof and dustproof. The temperature of the water vapor inside the lamps will exceed 100 °C in extreme circumstances after the seal.

Structure Composition:

LED street light is made up of lamps, electrical appliances, light sources, lamp poles, lamp arms, flanges, built-in fitting.

Several types of led street lamps:

1. Classification by street Lamp height: high pole street light, middle pole lamp, road light, garden street lamp, lawn lamp.

2. According to the lamp post material Division: hot-dip galvanized iron street lamp, hot-dip galvanized steel street lamp and stainless-steel street light.

4, Classification by shape: Chinese street lamp, antique street light, landscape lamp, single arm street lamp, double arms street lamp.

5, Divided by power supply mode: grid lamp and solar led garden lights, scenery complementary street lamp.

6, Classifying on the basis of the method of CIE: there are three indexes to divide various types of street lamps.

① Light Projection: indicates that the light emitted by the luminaire is spread vertically along the road. It is divided into short, medium and long projection street lights.

② Light Extension: indicates the extent to which the light emitted by a luminaire spreads horizontally across the road. It includes narrow, normal, wide lamps.

③ Light Control: indicates the degree to which a luminaire controls glare. It is divided into 3 kinds which are called limited, medium, strict street lamps.

We hope you can choose your suitable types of street lights through these six classifications.

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