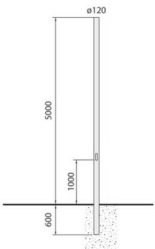


Cylindrical pole

Last information update: February 2024



Accessory code

1291: Pole for burial L=5600 mm D=120 mm thickness 3 mm

Technical description

Cylindrical pole made of 65 micron hot galvanised steel, in compliance with UNI EN ISO 1461 (EN 40-5), subsequently surface treated with textured powder paint. The standard painting cycle refers to the UNI EN ISO 12944 standard with durability class C4-H (suitable for industrial areas and coastal zones with moderate salinity. The UNI EN ISO 12944-1 standard specifies routine maintenance and 6-monthly checks to conserve the product intact. The galvanizing process includes stirring to prevent internal build up of zinc salts. The pole consists of a single welded tube. It is made of EN 10025-S235JR (ex Fe 360 UNI 7070) steel, with diameter 121 mm, thickness 3 mm and length 5600 mm. The slot for the access cover measures 310x95 mm, is at a height of 1000 mm from the ground, and is suitable for fitting the terminal block with two fuses (code 1863). The die-cast aluminium flush access cover is located on the side perpendicular to the roadside. It comes with the relative large triangular key (9 mm key side) for the access cover (code 0246). A non-ageing gasket adapts to the uneven pole surface to ensure that it is sealed. The access cover is mounted using a fixing plate, spot welded to the inside of the pole. There is a metal hook for supporting the terminal block inside the pole. It consists of a metal rod, 4 mm in diameter, bent twice, measures 80x52 mm and is welded at a height of approximately 1310 mm from the ground. The pole has three through holes 15 mm in diameter at heights of 3700 mm, 4300 mm and 4670 mm from the ground, suitable for securing the lamps. The pole has a corrosion-resistant reinforcement collar, is 280 mm long and 3 mm thick, and is located 400 mm from the base of the metal cylinder. It protrudes 80 mm from the ground and is secured to the pole with a watertight weld. A plastic closing cap is installed at the top of the pole. The pole is suitable for withstanding the dynamic wind force in installation zone 7 and site category III, in accordance with the Italian Ministerial Decree of 16/01/96.

Installation

The pole is designed for burial, with the buried part measuring 600 mm. Upon request, a grey pole base plate can be used (code 1841), consisting of two parts which can be joined together, made of die-cast aluminium, 420 mm in diameter and 122 mm high. The element can be customised with cast embossed text.

Colour	Weight (Kg)
Grey (15)	51.6

Wiring

A junction box must be used for the multiple cabling (code 1880) needed to power the individual floodlights secured to the pole. It is located 4960 mm from the ground and is secured by a metal support welded inside the pole. The electric power cable enters through the slot located 100 mm from the base of the metal cylinder, and measures 150x50 mm. The pole has an internal earthing system with a tropicalised steel earthing lug secured with a stainless steel screw near the access cover. The maximum earth cable section is 16 mm².

Complies with EN60598-1 and pertinent regulations

