

Tapered pole

Last information update: February 2024



Accessory code

1288: Tapered pole h=10000 mm D=120/194 mm thickness 3 mm (D194) and 4 mm (D120)

Technical description

Cylindrical tapered pole made of 70 micron hot galvanised steel, in compliance with UNI EN ISO 1461 (EN 40-5), subsequently surface treated with 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 two welded tubes made of EN 10025-S355JR (ex Fe 510 UNI 7070) steel. The first cylinder is 194 mm in diameter, 3 mm thick and 4200 mm high, while the second cylinder is 121 mm in diameter, 4 mm thick and 5800 mm high. 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 access covers (code 0246). A non-ageing gasket adapts to the uneven pole surface to ensure that it is sealed. The access cover is mounted using an anchor 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, measuring 40x26 mm, and welded at a height of approximately 1310 mm from the ground. The pole has five through holes 15 mm in diameter, at heights of 6500 mm, 7100 mm, 7700 mm, 8300 mm and 8530 mm from the ground, suitable for securing the lamps. 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

To be buried 1000 mm deep.

Colour
Grey (15)

Weight (Kg)
152

Wiring

The access slot is at a distance of 1000 mm from the ground, and measures 310x95 mm. The access cover is made of die-cast aluminium and is mounted flush with the pole on the side perpendicular to the roadside. The cover comes complete with a gasket that ensures a seal when closed with the large triangular key (9 mm key side). The power cable enters through a 150x50 mm slot on the pole, 500 mm from the base. There is a tropicalised steel earthing insert secured inside the pole near the access cover. The maximum earth cable section is 16 mm².

Complies with EN60598-1 and pertinent regulations

