

Pedestal Bases and Traffic Signal Standards

The TAPCO pedestal base is designed in accordance with the current AASHTO Specification for the Design and Construction of Structural Supports for Traffic Signals, Signs and Highway Light to withstand a 3 second gust wind speed of 90 miles per hour. These standards and tests for compliance were developed by the Wisconsin Department of Transportation.

Traffic Signal Standard

Pipes are cleaned of all mill scale, oil and foreign material. They are stocked unpainted, yet are able to be powder coated or anodized with color of your choice. They are made of Schedule 80 aluminum alloy 6061-T6 manufactured in accordance with ASTM B429. Pipe is threaded on one end. The outside dimensions are 4.5". Standard lengths are 3.5', 4', 8', 9', 10', 11', 13' and 15'.

Pedestal Base

The TP-358 series base is used for mounting traffic signals, flasher assemblies or traffic control equipment. The base assembly is arranged to mount on a concrete base, attached by four internal galvanized anchor bolts (standard is 1"x42"). The square cast aluminum base is made of aluminum alloy 319 in accordance with WISDOT specifications. It includes an 8.5" square handhole cover that is also made of aluminum alloy 319. The door is secured by a 5/16"-18x1" stainless hex head bolt. They are stocked unpainted, yet are able to be powder coated or anodized with color of your choice. The base is FHWA certified and meets AASHTO break away requirements.

