

PB-5551 Square Aluminum Compact Base

DESIGN:

The Square Aluminum Compact Base is a non-threaded small footprint option for mounting 4" ped poles with low load configurations. The base is supplied with an aluminum door.

Application: The Square Aluminum Compact Base can be combined with a 4" pedestal pole from sch 10 to sch 80 to mount pedestrian push buttons, or other engineering approved configurations.

Attachment: The compact base is mounted using anchor bolt/foundation combination, or screw in foundation anchors. The base accommodates bolt circles from 6.5" to 8" and anchor bolts from 1/2" to 5/8".

The compact base accepts any schedule 4" pipe. The non-threaded pipe is dropped into the opening and rests on an internal shelf. The pedestal pole is then secured using the supplied u-bolt and clamping plate.

Wiring: The compact base has a removable door that allows approximately 6" x 6" user access opening for wiring.

Hardware: Each base is supplied complete with all bolts and screws to install door and secure pedestal pole.



Figure 1

MATERIAL:

A356-T6 cast aluminum has a minimum yield strength of 24 ksi.

All stainless hardware has a minimum yield strength of 30 ksi.

All castings are to be free of defects, blemishes, and excessive foundry grinding marks.

CAPACITY:

When properly installed at 7-1/2" bolt circle with AP-1130-GLV anchor bolt cage, the compact base will withstand a minimum moment of 11K ft lbs. at the bottom of the base.

FINISH:

Aluminum surfaces are treated to resist atmospheric corrosion per Pelco Specification 3112 Trivalent Chromate Conversion Coating.

Powder coating is available per Pelco Specification 3099 Standard Powder Coat Finish.

OPTIONS:

1. Technical information and prints are available upon request.
2. Material certifications are available upon request.

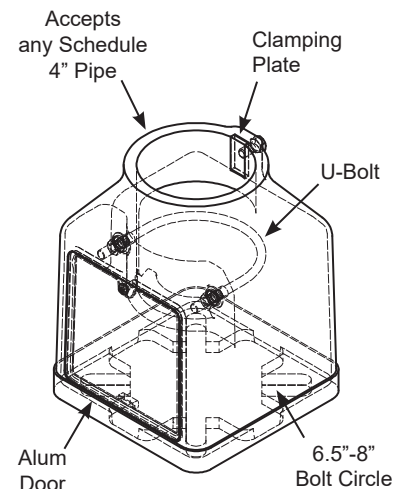


Figure 2