

REF:

TITLE:

Base Assy, Square w/ Alum Door & Hex Bolt,
w/ Grounding Lug, 12K Capacity, Alum

PART NO.:

SP-4188

Example Part No.

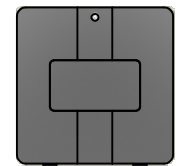
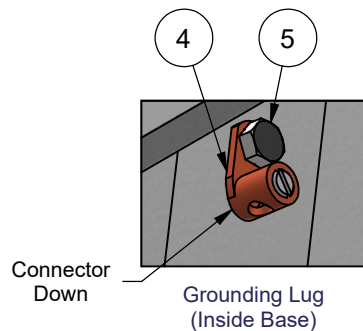
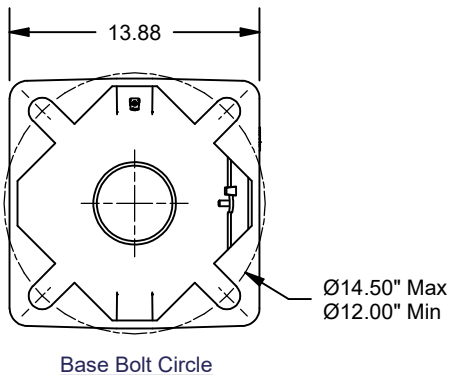
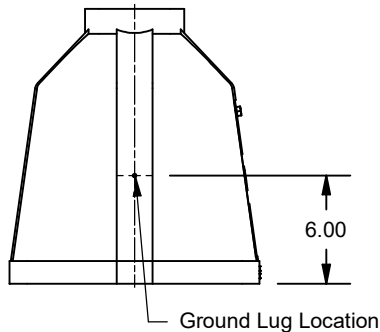
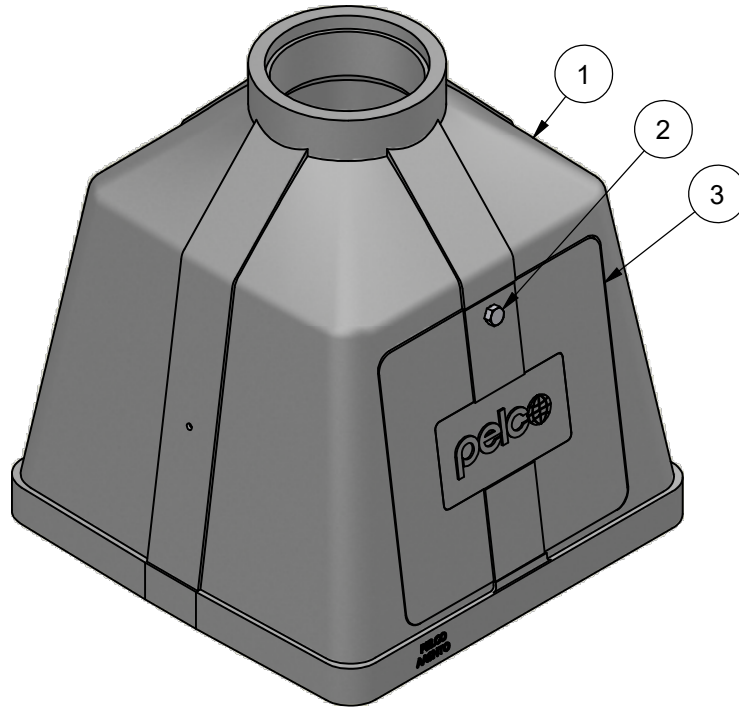
SP-4188-PXX

SP-4188-NL-PXX

Door, No Logo

Process No Color=PNC

Paint=PXX



NL=PB-0542-00
Alum Door w/o Logo

Options

NL=No Logo on Alum Door
Paint

ITEM	PART NUMBER	DESCRIPTION	QTY
1	PB-0545	Base, Square, w/o Door, Alum	1
2	FS-2006-SS	Bolt, Hex Hd, 5/16"-18 x 1", Type 304 Stainless	1
3	PB-0542	Door, Square Base, w/ Pelco Logo, 319 Alum	1
4	PB-0567	Grounding Lug, 1/4" Bolt, Copper	1
5	FS-2040-SS	Bolt, Hex Hd, 1/4"-20 x 1/2", Type 304 Stainless	1

Pelco Assy.dwg 9/10/2021

SPECIFICATION

PB-5334/PB-5335 Square Aluminum Pedestal Base Frangible

DESIGN:

The square aluminum pedestal base is threaded 4" NPT to accommodate pedestal poles. Aluminum doors or plastic theft deterrent doors are available.

Application: The square aluminum pedestal base and pedestal pole combination allows mounting of a variety of traffic signals and signage.

Attachment: The pedestal base is mounted using anchor bolt/foundation combination, or screw in foundation anchors. The base accommodates bolt circles from 12" through 14-1/2" and anchor bolts from 5/8" through 1" diameter.

Wiring: The pedestal base has a removable door that allows easy access for wiring.

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

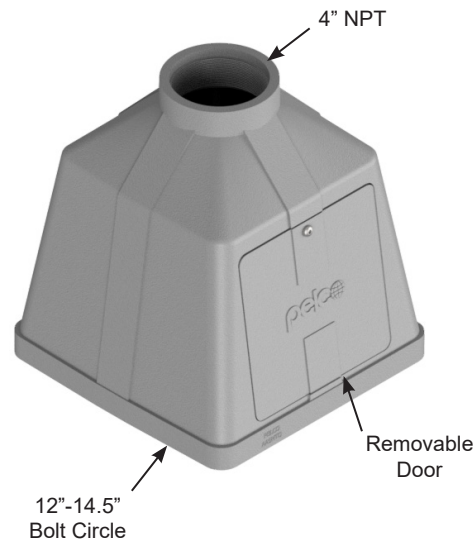


Figure 1

MATERIAL:

Cast aluminum 319 alloy has a minimum yield strength of 14 KSI.

Hardware stainless alloys have a minimum yield strength of 30 KSI.

All castings are free from casting defects, blemishes, and excessive foundry grinding marks.

CAPACITY:

When properly installed the square aluminum pedestal base will perform as follows:

The base will withstand a moment of 12,000 ft-lb at the bottom of the base.

FRANGIBILITY:

The base meets 1985 AASHTO breakaway requirements.

FINISH:

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

OPTIONS: (may be specified)

1. Technical information and prints are available for application engineering on the intended use.
2. Material and break away certifications are available (if requested before manufactured).

Note: This specification is applicable to any assembly utilizing Pelco P/N PB-0545.