

POLE P407-5F

DESCRIPTION

The pole shall consist of a clam-shell base cover and a shaft. The base cover shall be made from a two-piece casting secured to the pole shaft with six s/s tamper resistant screws. The base shall be round in shape. The castings shall be of uniform wall thickness with no warping or mold shifting and shall be formed true to the original pattern with complete detail. The 5"OD shaft shall be made of extruded aluminum with 12 flutes and shall be circumferentially welded to a cast aluminum base plate.

DIMENSIONS

The pole shall be XX' in height. The base shall be 22-1/2" in diameter.

MOUNTING

The pole shall be supplied with a sturdy steel template and with 4 hot dipped galvanized 3/4" x 24" long "L" type anchor bolts with two nuts and two washers each. These will install on a 8-1/2" bolt circle with anchor bolts extending 3" above the ground level. An optional 3"H x 4"OD or 3"OD tenon is available for fixture mounting. Custom tenon sizes may be available. A 2-1/4"W x 3-1/2"H service door shall be located at 12" to center from the bottom of pole.

FINISH

All applicable parts shall receive a standard electrostatically applied thermoset polyester powder coat smooth semi gloss finish with a four part corrosion inhibiting process.

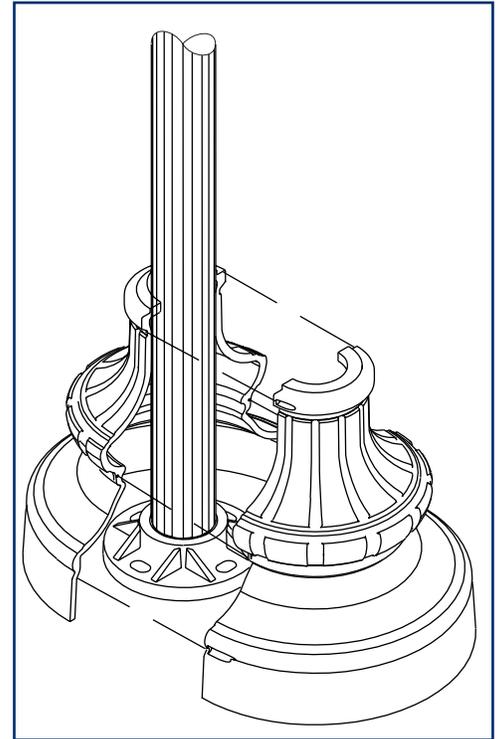
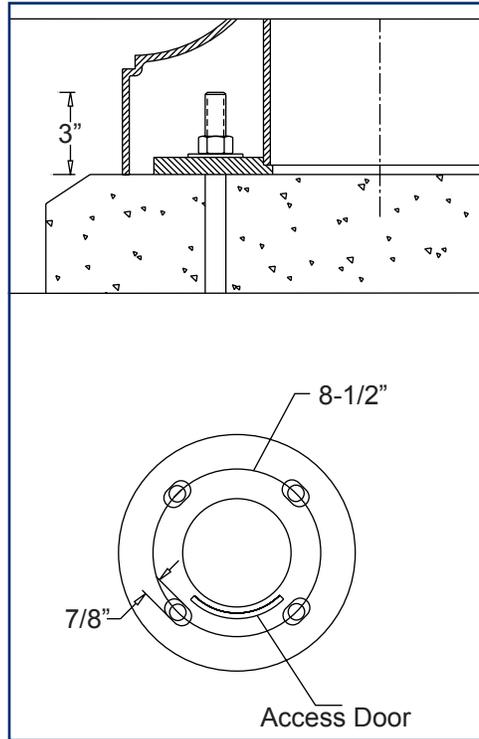
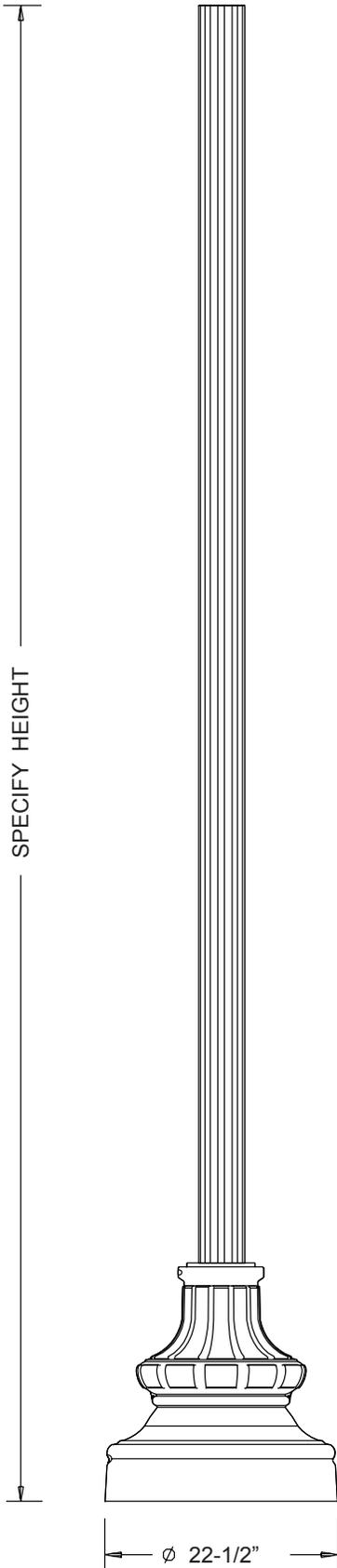
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COLOR AND OPTIONS

There are five standard RAL colors to choose from: Black 9011, Green 6005, Bronze 8019, Grey 7012 and White 9016. Custom colors are available for an upcharge. A variety of options is available. For more information please see the *Finishes* and *Options* sections.



EPA INFORMATION

Model number	Height (ft)	Wall thickness (in)	EPA rating		
			80 mph (sq.ft)	90 mph (sq.ft)	100 mph (sq.ft)
P407-5FA-10	10	0.125	12.14	9.71	7.91
P407-5FA-12	12	0.125	8.93	7.14	5.81
P407-5FA-14	14	0.125	6.79	5.43	4.42
P407-5FA-16	16	0.125	4.64	3.71	3.02
P407-5FA-18	18	0.125	3.57	2.86	2.33
P407-5FA-20	20	0.125	2.14	1.71	1.40
P407-5FE-10	10	0.226	23.21	18.57	15.12
P407-5FE-12	12	0.226	17.86	14.29	11.63
P407-5FE-14	14	0.226	14.29	11.43	9.30
P407-5FE-16	16	0.226	11.79	9.43	7.67
P407-5FE-18	18	0.226	9.29	7.43	6.05
P407-5FE-20	20	0.226	7.14	5.71	4.65

HCI, Ltd. neither designs nor recommends concrete footing size

OPTIONS

- SRT** single receptacle
- DRT** double receptacle
- GFI** GFI receptacle
- BA1-BM** single bolt-on 24"L banner arm
- BA1-CM** single clamp-on 24"L banner arm
- BA1H-BM** single bolt-on 24"L banner arm with hog ring
- BA1H-CM** single clamp-on 24"L banner arm with hog ring
- BA1-BBM** single bolt-on break-away 24"L banner arm
- BA1H-BBM** single bolt-on break-away 24"L banner arm with hog ring
- SS1-CM** single clamp-on street sign

Ordering Sequence Example:

Luminaire	Fitter	Diffuser	Light Source	Voltage	Optical System	Arm	Configuration	Pole	Finish	Options
F100-L	B4	FPC	150HPS	120V	LV-L5	A307	2A	P407-5FA-10	RAL9011	SRT