



Project Name:
Type:

P1012

Ordering Matrix

Environmental Lighting for Architecture, Inc.

1	2	3	4	5	6	7	8	9	10
P1012									

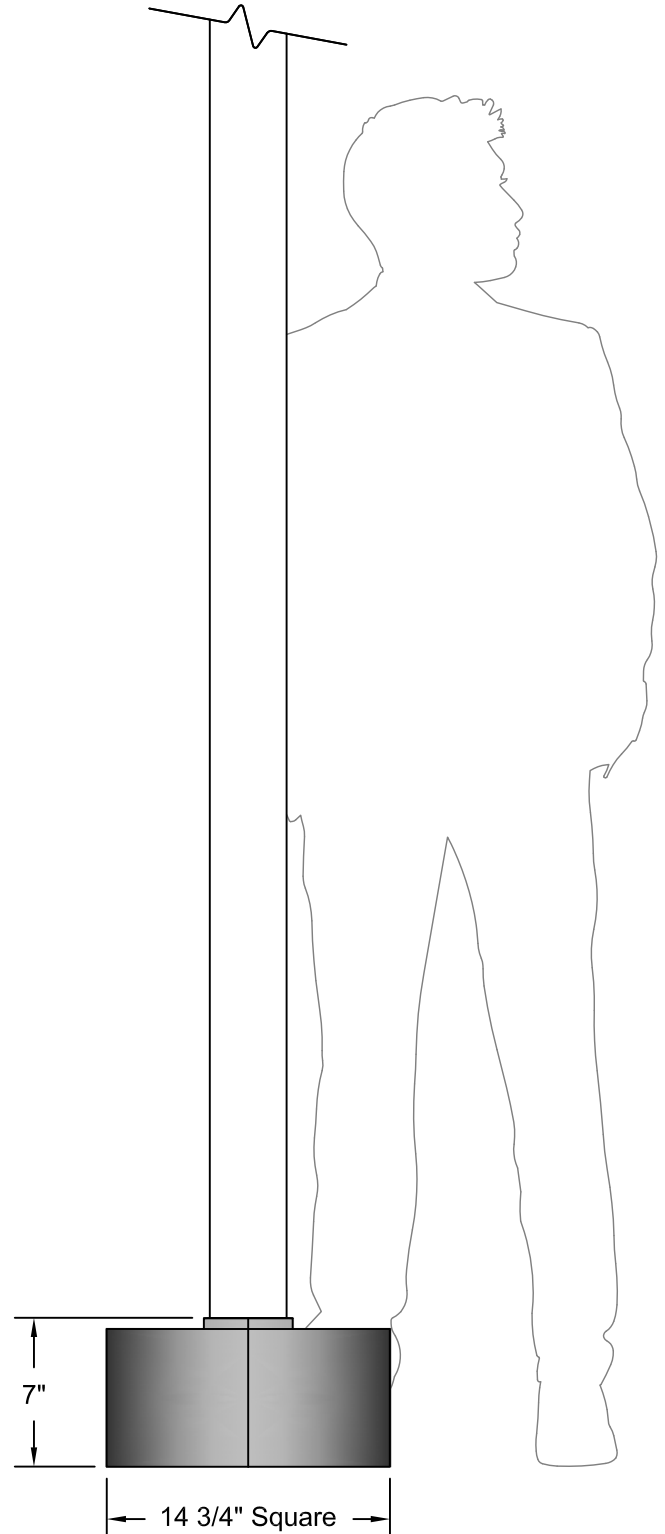
1. Base: **Matrix#:** **Description:**
P1012 Round Pole shaft w/2 piece cast aluminum clam shell base cover.

2. Pole Style: **Matrix#:** **Description:**
A 3" Round Straight Smooth w/.125" Wall
J 3" Round Straight Smooth w/.188" Wall
C 3" Round Straight Fluted w/.125" Wall
B 4" Round Straight Smooth w/.125" Wall
D 4" Round Straight Fluted w/.188" Wall
K 4" Round Straight Smooth w/.188" Wall
I 4 1/2" Round Straight Fluted w/.188" Wall
F 5" Round Straight Fluted w/.188" Wall
E 5" Round Straight Smooth w/.188" Wall

Note: Steel shaft options available in the shaft diameters listed here. Please contact factory for details on maximum heights. Tapered poles have a constant linear taper of 0.14" per foot. Other pole options available. Consult factory for details.

3. Height:

Matrix#:		EPA							
Ht. FT.	Pole Style	80	90	100	110	120	130	140	
8	A	4.6	3.5	2.7	2.1	1.6	1.3	1.0	
10	A	3.0	2.3	1.8	1.3	1.0	0.7	0.5	
12	A	1.9	1.4	1.1	0.8	0.5	0.3	0.1	
8	J	6.5	5.0	4.0	3.2	2.6	2.1	1.7	
10	J	4.7	3.7	2.9	2.2	1.7	1.3	1.0	
12	J	3.2	2.5	2.0	1.5	1.1	0.8	0.6	
8	C	3.9	3.0	2.3	1.8	1.4	1.4	0.8	
10	C	2.5	2.0	1.5	1.1	0.8	0.5	0.4	
12	C	1.5	1.2	0.9	0.6	0.3	0.1	0.0	
8	B	8.5	6.6	5.2	4.2	3.4	2.7	2.2	
10	B	6.0	4.7	3.7	2.9	2.2	1.7	1.3	
12	B	4.2	3.3	2.6	1.9	1.4	1.0	0.7	
14	B	2.8	2.1	1.7	1.2	0.8	0.4	0.2	
8	D	12.7	10.0	7.9	6.4	5.2	4.3	3.6	
10	D	9.4	7.3	5.8	4.6	3.7	3.0	2.4	
12	D	6.9	5.4	4.3	3.3	2.6	2.0	1.6	
14	D	4.8	3.8	3.0	2.3	1.7	1.2	0.9	
16	D	3.4	2.6	2.1	1.5	1.0	0.7	0.4	
8	K	12.7	10.0	7.9	6.4	5.2	4.3	3.6	
10	K	9.4	7.3	5.8	4.6	3.7	3.0	2.4	
12	K	6.9	5.4	4.3	3.3	2.6	2.0	1.6	
14	K	4.8	3.8	3.0	2.3	1.7	1.2	0.9	
16	K	3.4	2.6	2.1	1.5	1.0	0.7	0.4	
8	I	16.6	12.9	10.3	8.4	6.9	5.7	4.8	
10	I	12.2	9.5	7.6	6.1	4.9	4.0	3.3	
12	I	9.2	7.2	5.7	4.5	3.5	2.8	2.2	
14	I	6.6	5.1	4.1	3.2	2.4	1.8	1.4	
16	I	4.8	3.8	3.0	2.2	1.6	1.1	0.7	
18	I	3.4	3.4	2.1	1.5	0.9	0.6	0.2	
8	F	21.0	16.4	13.1	10.6	8.7	7.3	6.1	
10	F	15.5	12.2	9.7	7.8	6.3	5.2	4.3	
12	F	11.8	9.3	7.4	5.8	4.6	3.7	3.0	
14	F	8.6	6.8	5.4	4.2	3.2	2.5	1.9	
16	F	6.4	5.0	4.0	3.0	2.2	1.6	1.1	
18	F	4.6	3.6	2.9	2.2	1.4	0.9	0.5	
8	E	21.0	16.4	13.1	10.6	8.7	7.3	6.1	
10	E	15.5	12.2	9.7	7.8	6.3	5.2	4.3	
12	E	11.8	9.3	7.4	5.8	4.6	3.7	3.0	
14	E	8.6	6.8	5.4	4.2	3.2	2.5	1.9	
16	E	6.4	5.0	4.0	3.0	2.2	1.6	1.1	
18	E	4.6	3.6	2.9	2.1	1.4	0.9	0.5	



Fixture is "Buy American Act" compliant.
Proudly Made in the U.S.A



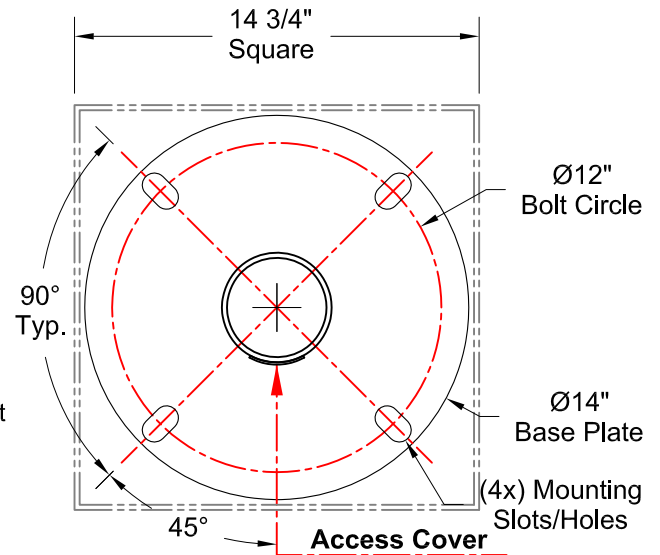
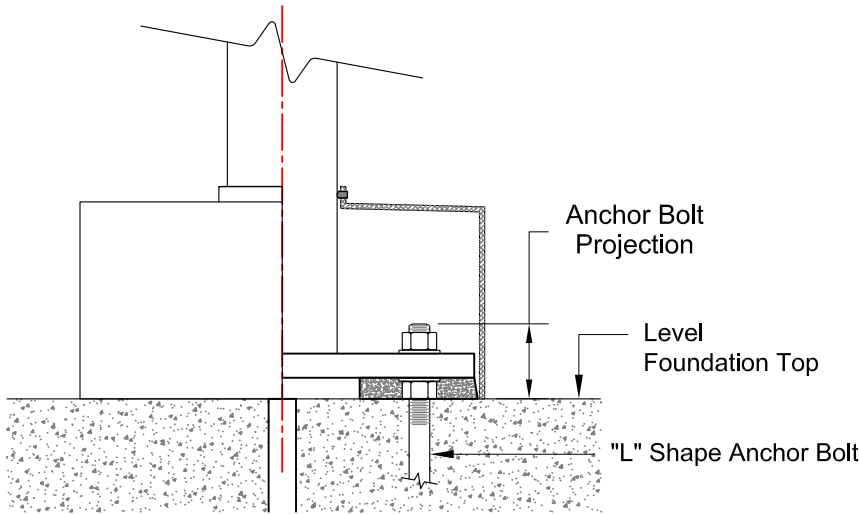
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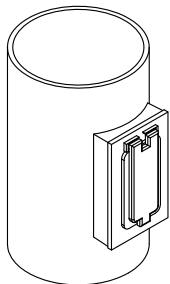
Mounting Detail



Anchor Bolt	Qty	Anchor Bolt Projection
Ø3/4" x 18" LONG	4	3" Min.

4. Accessories:

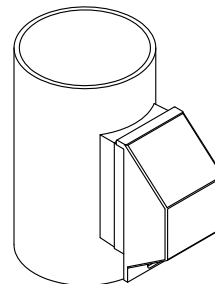
Matrix#:
GF11:



Description:

GFI self-closing hinged cover and frame constructed of die cast zinc material and includes stainless steel mounting screws and sealing gaskets. GFI assembly is suitable for 1 or 2 (3 prong) plug connections, GFI box shall be corrosion resistant cast aluminum alloy #A356, welded into aluminum pole or base.

Matrix#:
GF12



Description:

GFI weather proof while-in-use hinged cover and frame constructed of die cast zinc material and includes stainless steel mounting screws and sealing gaskets. GFI assembly is suitable for 1 or 2 (3 prong) plug connections, GFI box shall be corrosion resistant cast aluminum alloy #A356, welded into aluminum pole or base. Cover allows for padlock with a locking bolt of no more than a 1/2" diameter.

****Padlock by others****

5. Pole Top Accessories:

Matrix#:

TN3

Description:

3" Diameter Pole Top Tenon

TN4

4" Diameter Pole Top Tenon

TN5

5" Diameter Pole Top Tenon

TN6

6" Diameter Pole Top Tenon

Matrix#:

TN3S

Description:

3" Square Pole Top Tenon

TN4S

4" Square Pole Top Tenon

TN5S

5" Square Pole Top Tenon

TN6S

6" Square Pole Top Tenon

Note: For other sizes please contact factory. For POLE FINIAL options please see our pole top finials spec sheet:

https://www.ela-lighting.com/html_pages/arch_outdoor/accessories/pole_finials.html



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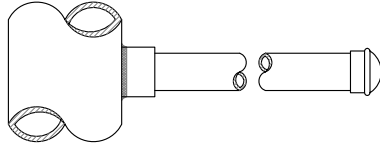
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6. Banner Arm Style:

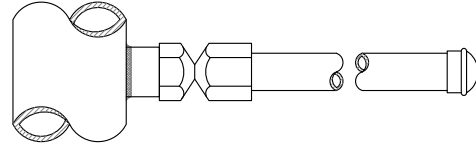
Matrix#:
BPA:

Description:
Coupling welded to pole with threaded banner arm and simple end cap.



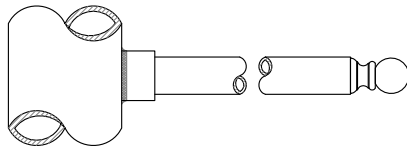
Matrix#:
BKA:

Description:
Coupling welded to pole with threaded break-away coupling, banner arm and simple end cap.



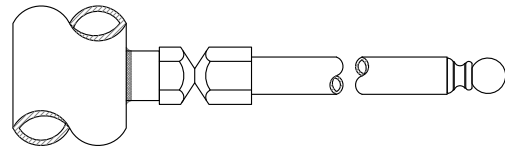
Matrix#:
BPB:

Description:
Coupling welded to pole with threaded banner arm and decorative end cap.



Matrix#:
BKB:

Description:
Coupling welded to pole with threaded break-away coupling, banner arm and decorative end cap.



Note: For other styles please contact factory

7. Banner Arm Size:

Matrix#:
1:

Description:
3/4" IP Aluminum pipe banner arm
(1.050" Nominal Diameter)

Matrix#:
2:

Description:
1" IP Aluminum pipe banner arm
(1.315" Nominal Diameter)

Note: For other sizes please contact factory

8. Banner Arm Distribution:

Matrix#:
S:

Description:
Single Banner Arm

Matrix#:
D:

Description:
Dual Banners Arms (@180°)

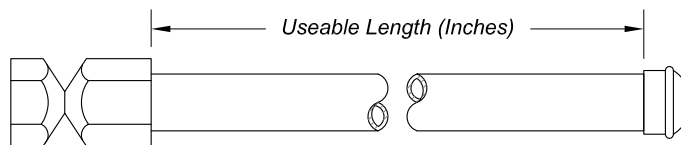
Note: For other distributions please contact factory

*Final banner arm location on pole shaft to be determined by customer and requires approved drawing. Display banners "By Others".

9. Banner Arm Length:

Matrix#:
#:

Description:
Length indicated in Inches
(example: **24** = 24" length)



Note: Maximum length of 36". For longer lengths please contact factory.

10. Finish:

Matrix#:
AG

Description:
Augustine Green

Matrix#:
MN

Description:
Midnight - Black

CC

Charcoal

PW

Pewter

DB

Dark Bronze

SB

Statuary Bronze

GY

Architectural Grey

VL

Village Green

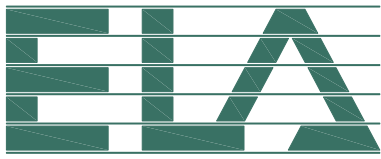
MG

Malaga Green

WH

White

Note: Custom colors available upon request.



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Specifications and Notes:

Specifications: Pole base plate shall be corrosion resistant cast aluminum alloy #A356. The base plate shall be free of any foreign materials or cosmetic fillers and is circumferentially welded to the shaft. Decorative base cover shall be a two piece corrosion resistant cast aluminum alloy #A356. All stainless steel cover mounting hardware included.

Pole shaft shall be extruded from all new seamless 6063 alloy aluminum and shall be heat treated to produce a T6 temper. The shaft shall have a 2" x 4" wiring access hole with sheet metal cover. The shaft may be drilled for mounting light fixtures. Each pole shall be fully wrapped for protection in shipment.

Wiring access shall be via a 2" x 4" wire access hole and to be completely concealed by a sheet metal cover. To comply with NEC hand-holes with painted sheet metal covers are located 18" from the bottom of the pole shaft.

Ground lug shall be via a 1/4-20 tapped provision with stainless steel round head machine screw for the ground connector located 180° from the wiring access hole.

Anchor bolts shall be hot dip galvanized steel. All anchor bolt orders include two galvanized hex nuts and flat washers shall be provided per individual anchor bolt as well as an anchor bolt guide template.

Notes:

ELA recommends consulting a local engineer for footing and mounting design. Below grade calculations are based on soil compression and water table for specific environments and local conditions. All below grade engineering must conform to local and/or municipal engineering standards.

ELA poles to be installed atop structures such as buildings and bridges may be subjected to unforeseen stresses, vibrations, oscillations and other fatigue effects which are not covered by the ELA warranty.

If ELA products are to be utilized on an existing structure or foundation, the customer assumes all responsibility for the structural integrity of the existing structure or foundation, anchorage and all the consequences arising therefrom.

The use of banners arms or other accessories can severely affect the loading of a pole structure. ELA is not responsible for any banner arms or accessories attached to an ELA pole unless otherwise approved by ELA before their installation.

Warnings: Customer should exercise caution in the selection of a design wind speed when the pole is to be specified or installed in a special wind region (as indicated by the wind map) or in an area where wind speed is unpredictable.

ELA RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

ELA Warranty Info:

Please refer to the ELA Terms and Conditions documentation for further detail: www.ela-lighting.com/pdf/Warranty.pdf