



Poles, Street Signs,
Banner Arms, Accessories

PHILIPS

Hanover
LANTERN



Simply enhancing life with light

Since 1970, we've handcrafted our products to a superior standard of quality and craftsmanship, using only the finest raw materials, components and finishes available. Pride of workmanship is evident throughout our facility allowing us to build our business to a superior standard of consistency and reliability utilizing old world manufacturing practices and values.

As a vertically integrated company, we inspect every piece we manufacture, multiple times, for fit and finish. Each of our designs is precision engineered, back by ISO 9001 Certification. And our comprehensive warranties exceed industry standards.

But that doesn't entirely explain how we became the industry leader. There's another important area where we excel.

Service.

Smart. Prompt. And Flexible.

At Philips Hanover Lantern, it has to be – because we provide the broadest selection of styles, finishes and lamping options in the industry. Our superior service helps you navigate the choices and ensures that you're getting just what you need. When you need it. Even if we have to custom design it.

When you light with Philips Hanover Lantern, you can rest assured it'll be done right. On Time.

That's why more and more architects, designers and engineers depend on Philips Hanover Lantern. Because they know what they'll get.

Satisfaction.

Posts

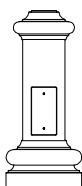
INDEX

Posts

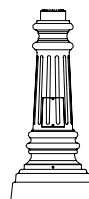
Materials & Finishes.	4, 5
276, 277, 278, 279, 280, 281, 282, 283	6
284, 285, 286, 287, 288, 289	8
290, 291, 292, 293, 294, 295, 296, 297	10
300, 301, 302, 309.	12
303, 304, 311, 754.	14
305, 400, 401.	16
306, 307, 308, 345, 346, 347, 348, 751	18
312, 314, 713, 714.	20
316, 317, 318, 758.	22
319, 320, 321, 755.	24
325, 335, 385.	26
327, 337, 387.	28
329, 339, 389, 729, 730	30
340, 353, 760, 761.	32
342, 344, 374, 394.	34
350, 360, 370.	36
358, 359.	38
361, 371, 391.	40
365, 375, 395, 764, 765	42
377, 397, 402, 766, 767	44
368, 378, 388.	46
379, 399, 768, 769.	48
770, 771, 772, 773, 774, 775	50
776, 777, 778, 779.	52
780, 781, 782, 783, 784, 785, 786, 787	54
790, 791, 792, 793, 794, 795, 796, 797	56

Street Signs, Banner Arms, Accessories

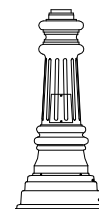
Photo Control.	58
Banner Arms	58
Post Tenons.	59
Ladder Rests	59
Wrap Bases	60
Seneca Brackets.	61
Post Top Arm Brackets	61
Street Signs	62
Pier Bases.	64
Aluminum Traffic Sign Frames	65
Flat Aluminum Sign Backs.	66
Aluminum Traffic Sign Clamps	66
Post Caps.	67
Post Top Bracket Arms	68
Wind Velocity Chart.	70



276, 277, 278, 279,
280, 281, 282, 283
P-6



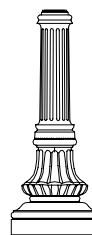
284, 285, 286, 287,
288, 289
P-8



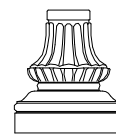
290, 291, 292, 293,
294, 295, 296, 297
P-10



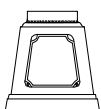
300, 301, 302, 309
P-12



303, 304, 311, 754
P-14



305
P-16



400, 401
P-16



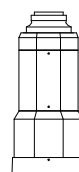
306, 307, 308, 345,
346, 347, 348, 751
P-18



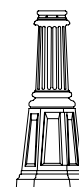
312, 314, 713, 714
P-20



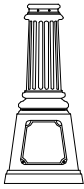
316, 317, 318, 758
P-22



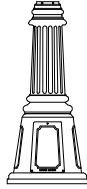
319, 320, 321, 755
P-24



325, 335, 385
P-26



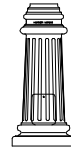
327, 337, 387
P-28



329, 339, 389
729, 730
P-30



340, 353, 760, 761
P-32



342, 344, 374, 394
P-34



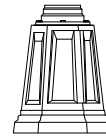
350, 360, 370
P-36



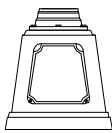
358, 359
P-38



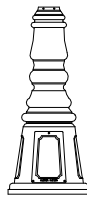
361, 371, 391
P-40



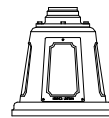
365, 375, 395, 764, 765
P-42



377, 397, 402, 766, 767
P-44



368, 378, 388
P-46



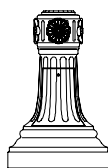
379, 399, 768, 769
P-48



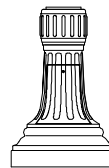
770, 771, 772, 773
774, 775
P-50



776, 777, 778, 779
P-52



780, 781, 782, 783,
784, 785, 786, 787
P-54



790, 791, 792, 793,
794, 795, 796, 797
P-56

Materials and Finishes

We send our products into punishing environments with confidence, because we build them... with the most rugged, high-performance materials available.

Alloys

We supply our proprietary aluminum ingots to our suppliers to keep a close eye on quality control and traceability. Our Philips Hanover Lantern exclusive low-copper alloys feature superior corrosion resistance, strength, weldability, and ductility. Formulated to resist oxidation, improve paint adhesion, and maximize performance.

Surfaces

We pre-treat every one of our fixtures with a five-stage cleaning process and we shot blast our poles and bases. These processes remove oxides and guarantee a uniform surface – creating a powerful bond between metal and paint that resists abuse, weather, and the effects of age.

Rigorous Testing

We put our materials up against the industry's most challenging testing standards. And even under thoroughly abusive conditions – from accelerated weathering, to salt spray testing – our products retain their strength and durability.

TGIC Thermoset Polyester Powdercoat Paint and Finish

We electrostatically apply our resilient TGIC thermoset polyester powdercoat paint to every fixture. Specially formulated for Philips Hanover Lantern it provides extended gloss retention, U.V. protection, and the highest temperature rating in the industry. In addition to the standard color choices shown, a spectrum of custom colors are available. Call or visit our web site for more details.

Marine Grade Finishes Also Available

For fixtures and poles susceptible to the most extreme elements – salt, ocean water, or strong winds – our marine-grade finish guarantees extra protection against corrosion. We apply an epoxy primer undercoat to provide maximum bonding for adhesion with the top-color coat. Consult factory for more details.

Philips Hanover Lantern offers one of the industry's most comprehensive selection of decorator finishes to enhance virtually any exterior color scheme. All finishes are hand applied by skilled artisans who create the look of a natural aging process, with some of the finishes requiring a three step process.



Controlled paint environment

Hand applied finishes by skilled artisans

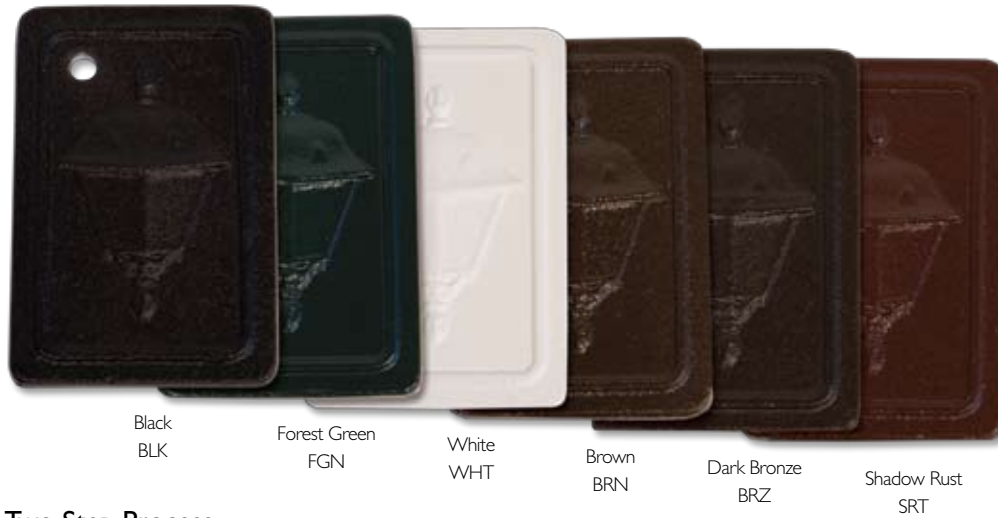
Made In America

Together, we can support your business and help build a stronger American economy. Philips Hanover Lantern is positioned to:

- Continue to expand our environmental corporate efforts in order to create a more sustainable future.
- Further our research and development activities to produce the most innovative products available.
- Sustain our business in America by supporting American investments, along with workers and their families.

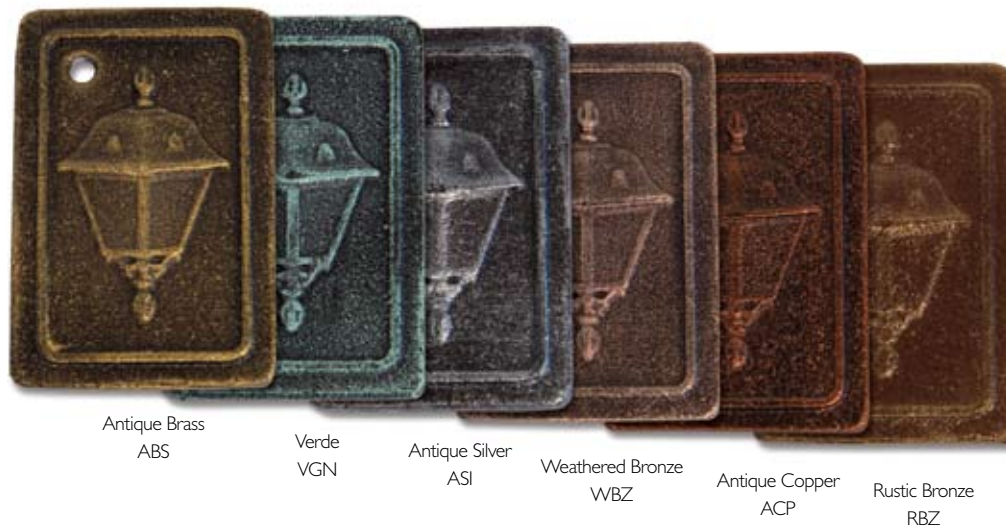


One Step Process



We electrostatically apply our resilient TGIC thermoset polyester powdercoat paint to the fixture.

Two Step Process



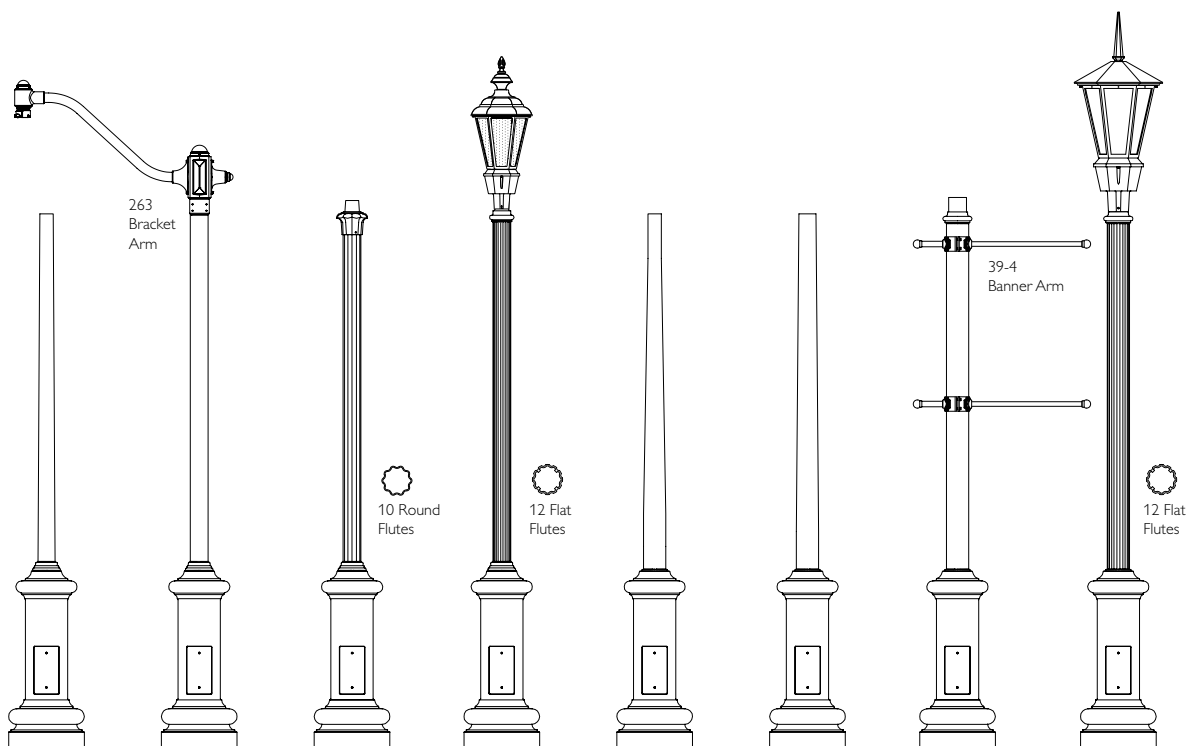
A secondary finish is hand applied by a skilled artisan to have an antique or weathered appearance.

Three Step Process



A third finish is brushed or sponge applied by a skilled artisan to give you a "timeless" vintage look.

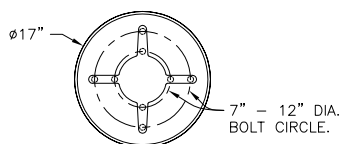
POSTS - 276, 277, 278, 279, 280, 281, 282, 283



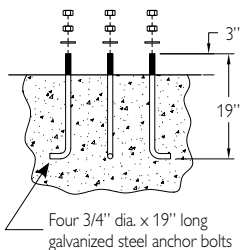
Model	276	277	278	279	280	281	282	283
Shaft Dia.	3" to 4" Tap	4"	4"	4"	3" to 5" Tap	4" to 5" Tap	5"	5"
Wall Thickness	.125"	.125"	.125"	.188"	.188"	.188"	.250"	.250"
Top Dia.	3"	4"	3"	3"	3"	4"	3" or 4"	3" or 4"
Base Dia.	17"	17"	17"	17"	17"	17"	17"	17"
Bolt Circle Dia.	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"

Post Specifications

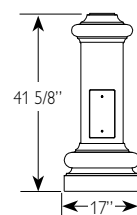
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions

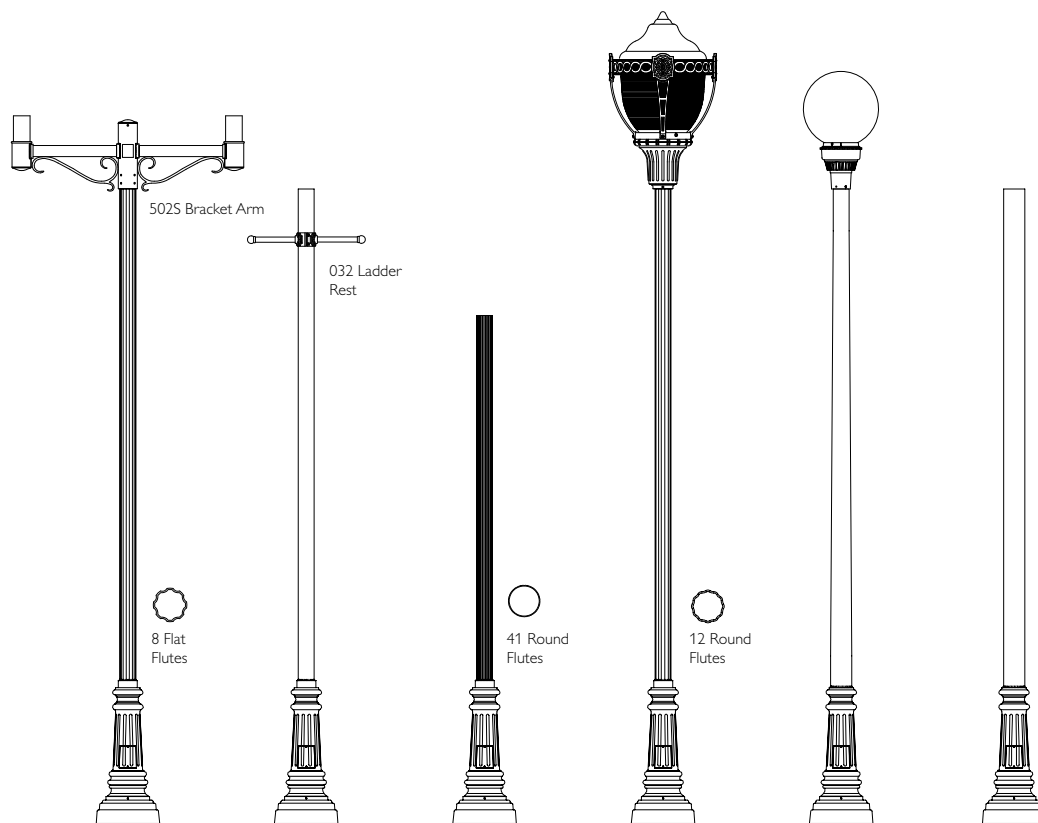


POSTS

Ordering Example: 278-14 FGN B 1

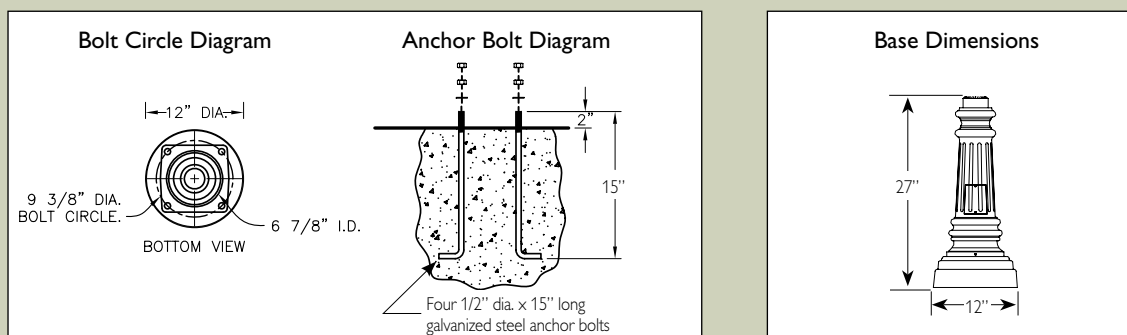
Ordering Guide					EPA Wind Load		
Model	Finish	Tenon Option (3) 3" dia. (4) 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole	EPA Wind Zone 80 MPH F.S.=1.5	EPA Wind Zone 110 MPH F.S.=1.5	EPA Wind Zone 130 MPH F.S.=1.5
276-10	ALL FINISHES AVAILABLE (see page 5)		()	()	17.27	16.36	15.59
276-12			()	()	12.92	11.75	10.77
276-14			()	()	10.04	8.61	7.41
276-16			()	()	7.96	6.27	4.85
277-10			()	()	17.13	16.09	15.21
277-12			()	()	12.73	11.40	10.28
277-14			()	()	9.81	8.18	6.81
277-16			()	()	7.69	5.76	4.14
278-10			()	()	17.13	16.09	15.21
278-12			()	()	12.73	11.40	10.28
278-14			()	()	9.81	8.18	6.81
278-16			()	()	7.69	5.76	4.14
279-10			()	()	25.00	23.96	23.08
279-12			()	()	18.85	17.52	16.40
279-14			()	()	14.82	13.18	11.81
279-16			()	()	11.93	10.00	8.38
280-12			()	()	31.28	29.95	28.82
280-14			()	()	24.98	23.35	21.98
280-16			()	()	19.81	17.24	15.08
281-12			()	()	31.09	29.58	28.32
281-14			()	()	24.75	22.92	21.38
281-16			()	()	20.25	18.08	16.25
282-12		()	()	()	34.73	32.50	30.63
282-14		()	()	()	28.99	26.39	24.21
282-16		()	()	()	24.59	21.62	19.11
282-18		()	()	()	21.07	17.73	14.91
283-12		()	()	()	34.73	32.50	30.63
283-14		()	()	()	28.99	26.39	24.21
283-16		()	()	()	24.59	21.62	19.11
283-18		()	()	()	21.07	17.73	14.91

POSTS - 284, 285, 286, 287, 288, 289



Model	284	285	286	287	288	289
Shaft Dia.	3"	3"	3"	3"	3" to 4" Tap	4"
Wall Thickness	.125"	.125"	.070"	.125"	.125"	.125"
Top Dia.	3"	3"	3"	3"	3"	4"
Base Dia.	12"	12"	12"	12"	12"	12"
Bolt Circle Dia.	9-3/8"	9-3/8"	9-3/8"	9-3/8"	9-3/8"	9-3/8"

Post Specifications



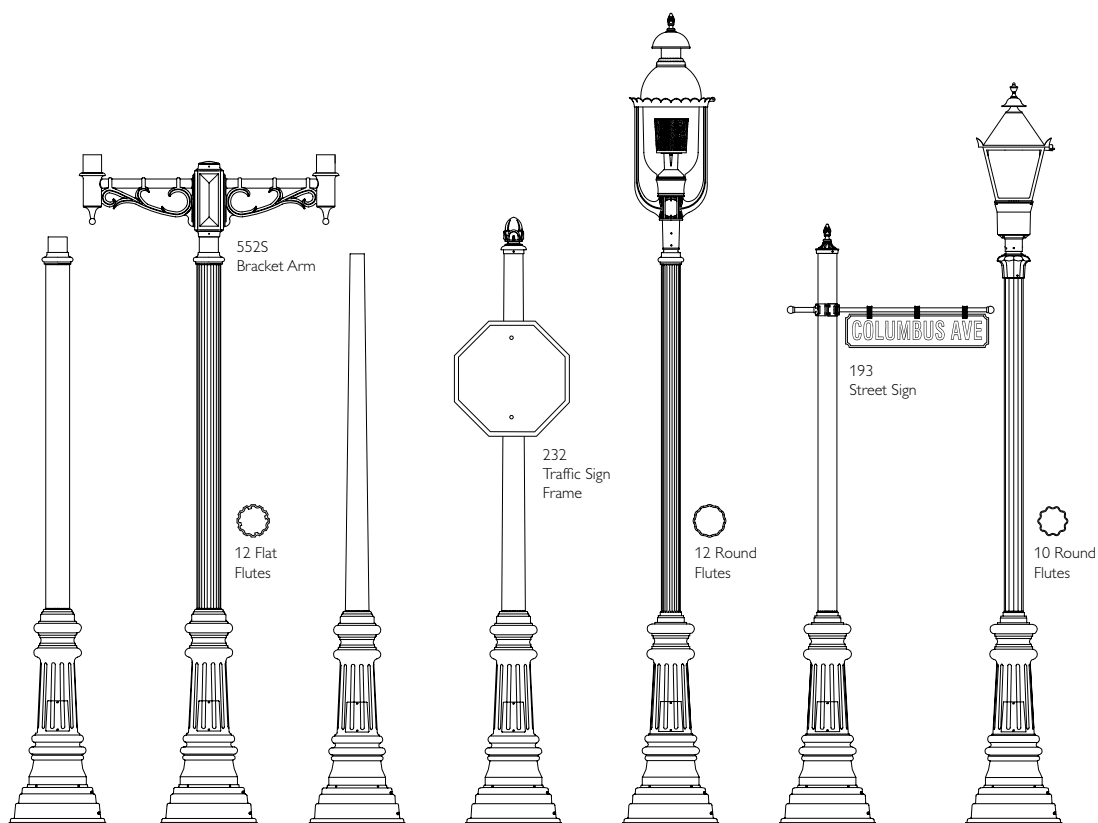
POSTS

Ordering Example: 284-12VRD C 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V (D) 120V only for 3" OD post	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole (O) For Direct Burial & Anchor Base
284-8	ALL FINISHES AVAILABLE (see page 5)	()	()
284-10		()	()
284-12		()	()
285-6		()	()
285-8		()	()
285-10		()	()
285-12		()	()
286-6		()	()
286-8		()	()
287-6		()	()
287-8		()	()
287-10		()	()
287-12		()	()
288-6		()	()
288-8		()	()
288-10		()	()
288-12		()	()
289-6		()	()
289-8		()	()
289-10		()	()
289-12		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
10.16	5.7	4.75
7.09	3.72	2.91
5.19	2.57	1.69
16.20	9.38	8.16
10.16	5.70	4.75
7.09	3.72	2.91
5.19	2.57	1.69
9.40	4.75	4.57
5.72	2.69	2.40
16.20	9.38	8.16
10.16	5.70	4.75
7.10	3.22	2.91
5.19	2.17	1.69
20.31	16.36	9.98
14.72	10.42	6.77
11.25	6.42	4.69
8.84	4.61	3.16
20.19	16.27	9.81
14.56	10.30	6.55
11.05	6.26	4.40
8.60	4.41	2.81

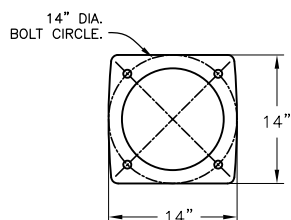
POSTS - 290, 291, 292, 293, 294, 295, 296, 297



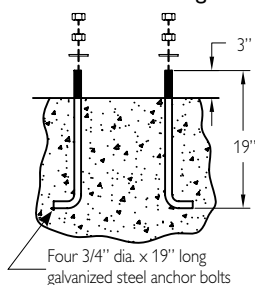
Model	290	291	292	293	294	295	296	297
Shaft Dia.	5"	5"	3" to 5"	4" to 5" Tap	4"	4"	4"	3" to 4" Tap
Wall Thickness	.250"	.250"	.188"	.188"	.188"	.125"	.125"	.125"
Top Dia.	3" or 4"	3" or 4"	3"	4"	3"	4"	3"	3"
Base Dia.	20-3/8"	20-3/8"	20-3/8"	20-3/8"	20-3/8"	20-3/8"	20-3/8"	20-3/8"
Bolt Circle Dia.	14"	14"	14"	14"	14"	14"	14"	14"

Post Specifications

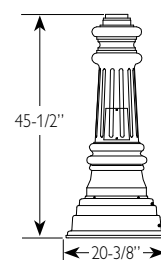
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



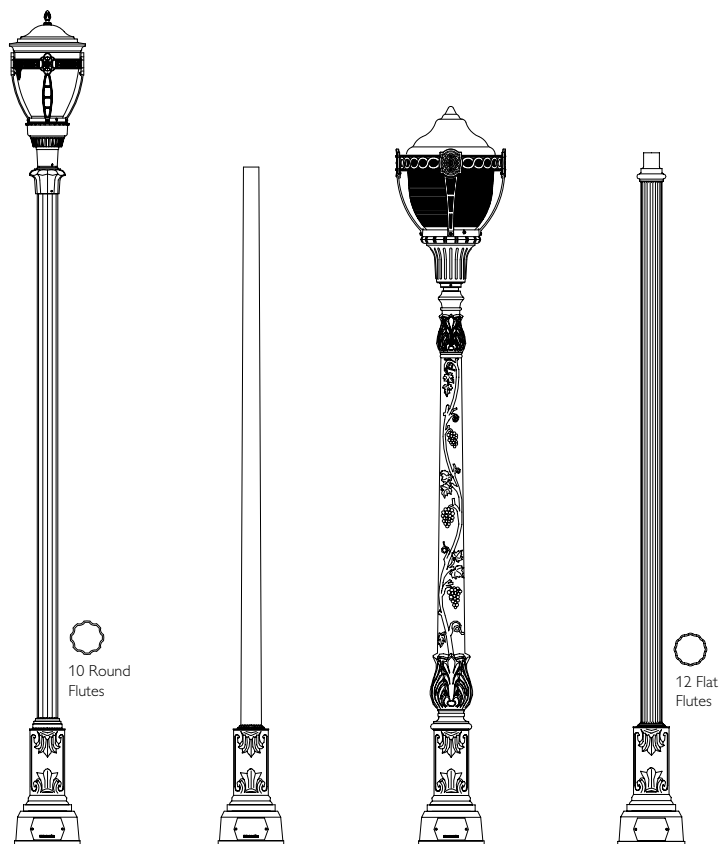
POSTS

Ordering Example: 291-14 BLK 4 B 1

Ordering Guide				
Model	Finish	Tenon Option (3) 3" dia. (4) 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
290-12	ALL FINISHES AVAILABLE (see page 5)	()	()	()
290-14		()	()	()
290-16		()	()	()
290-18		()	()	()
291-12		()	()	()
291-14		()	()	()
291-16		()	()	()
291-18		()	()	()
292-12			()	()
292-14			()	()
292-16			()	()
293-12			()	()
293-14			()	()
293-16			()	()
294-8			()	()
294-10			()	()
294-12			()	()
294-14			()	()
295-8			()	()
295-10			()	()
295-12			()	()
295-14			()	()
296-8			()	()
296-10			()	()
296-12			()	()
296-14			()	()
297-8			()	()
297-10			()	()
297-12			()	()
297-14			()	()

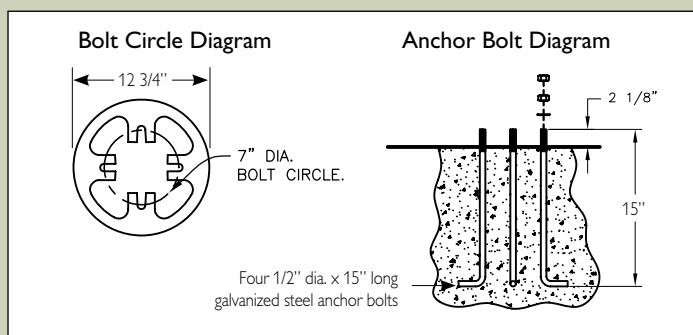
EPA Wind Load		
EPA Wind Zone 80 MPH FS = 1.5	EPA Wind Zone 110 MPH FS = 1.5	EPA Wind Zone 130 MPH FS = 1.5
39.21	18.25	18.07
31.93	14.87	14.84
25.84	12.23	11.50
21.38	10.08	8.77
39.21	18.25	18.07
31.93	14.87	14.84
25.84	12.23	11.50
21.38	10.08	8.77
31.71	18.18	15.62
24.77	12.32	11.66
20.03	9.66	8.86
31.54	18.01	15.15
24.56	12.11	11.07
19.78	9.41	8.16
45.01	23.45	-
29.41	15.04	-
21.45	10.67	-
16.54	7.92	-
25.79	14.93	13.16
17.07	9.65	8.27
12.39	6.75	5.50
9.39	4.84	3.62
25.79	14.93	13.16
17.07	9.65	8.27
12.39	6.75	5.50
9.39	4.84	3.62
25.79	14.93	13.16
17.07	9.65	8.27
12.39	6.75	5.50
9.39	4.84	3.62

POSTS - 300, 301, 302, 309

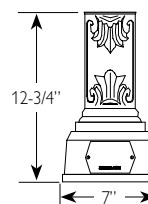


Model	300	301	302	309
Shaft Dia.	4"	3" to 4" Tap	Grapevine	4"
Wall Thickness	.125"	.125"	.250"	.188"
Top Dia.	3"	3"	3"	3"
Base Dia.	12-3/4"	12-3/4"	12-3/4"	12-3/4"
Bolt Circle Dia.	7"	7"	7"	7"

Post Specifications



Base Dimensions



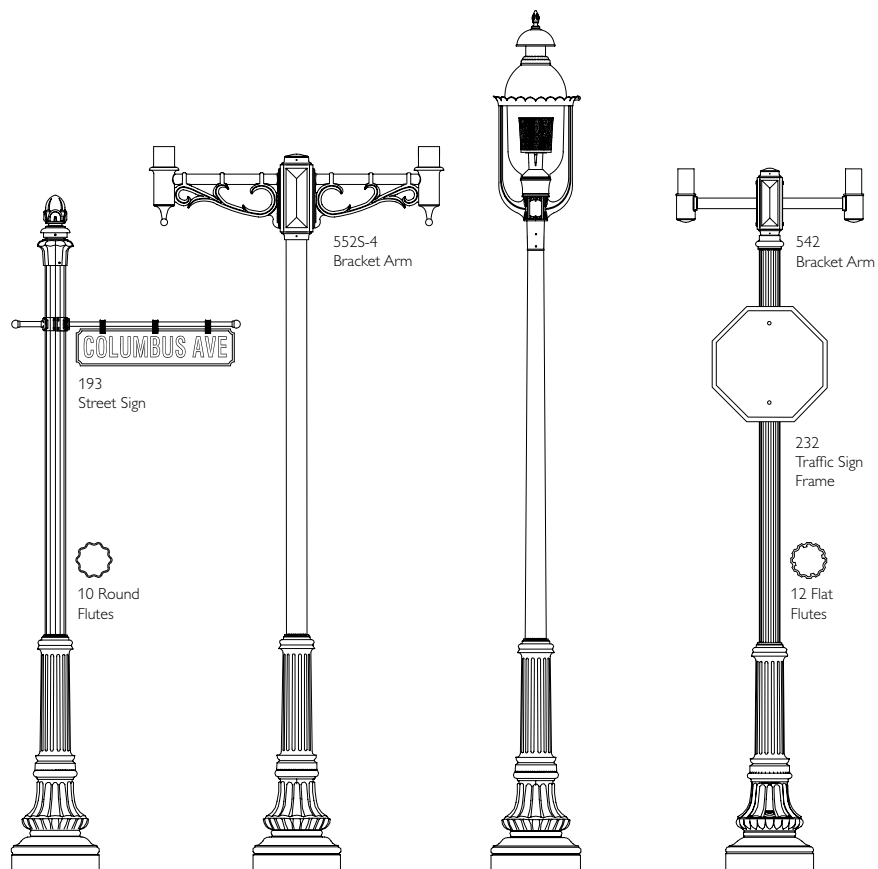
POSTS

Ordering Example: 301-10 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
300-8	ALL FINISHES AVAILABLE (see page 5)	()	()
300-10		()	()
300-12		()	()
301-8		()	()
301-10		()	()
301-12		()	()
302-9		()	()
309-8		()	()
309-10		()	()
309-12		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH FS = 1.5	EPA Wind Zone 110 MPH FS = 1.5	EPA Wind Zone 130 MPH FS = 1.5
17.65	10.30	8.18
13.01	7.14	5.71
9.81	5.11	3.74
17.81	10.42	8.41
13.18	7.30	5.96
10.02	5.32	4.03
24.53	13.89	6.20
27.60	14.21	10.19
20.40	10.22	7.31
15.86	7.65	5.24

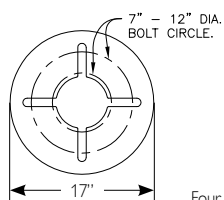
POSTS - 303, 304, 311, 754



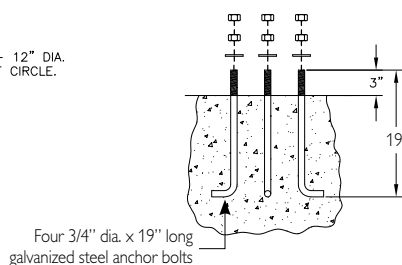
Model	303	304	311	754
Shaft Dia.	4"	4"	3" to 4" Tap	4"
Wall Thickness	.125"	.125"	.125"	.188"
Top Dia.	3"	4"	3"	3"
Base Dia.	17"	17"	17"	17"
Bolt Circle Dia.	7" - 12"	7" - 12"	7" - 12"	7" - 12"

Post Specifications

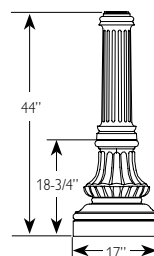
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



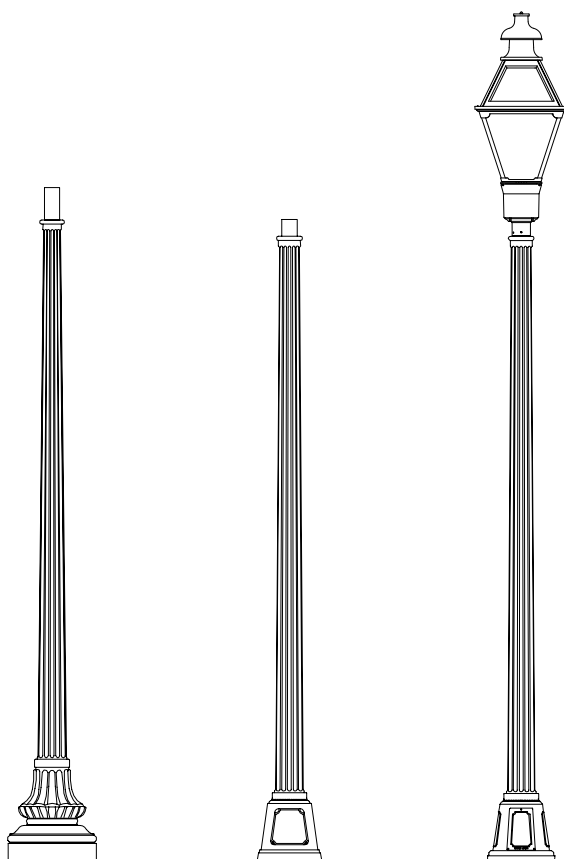
POSTS

Ordering Example: 304-14VRD B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
303-8	ALL FINISHES AVAILABLE (see page 5)	()	()
303-10		()	()
303-12		()	()
303-14		()	()
303-16		()	()
304-8		()	()
304-10		()	()
304-12		()	()
304-14		()	()
304-16		()	()
311-8		()	()
311-10		()	()
311-12		()	()
311-14		()	()
311-16		()	()
754-8		()	()
754-10		()	()
754-12		()	()
754-14		()	()
754-16		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH FS = 1.5	EPA Wind Zone 110 MPH FS = 1.5	EPA Wind Zone 130 MPH FS = 1.5
25.49	14.76	10.19
16.94	9.58	7.31
12.32	6.71	5.24
9.35	4.82	3.43
7.23	3.44	2.02
25.49	14.76	10.19
16.56	9.58	7.31
12.32	6.71	5.24
9.35	4.82	3.43
7.23	3.44	2.02
25.49	14.76	10.19
16.94	9.58	7.31
12.32	6.71	5.24
9.35	4.82	3.63
7.23	3.44	2.30
38.53	20.07	-
26.48	13.55	-
19.68	9.74	-
15.70	7.61	-
12.35	5.55	-

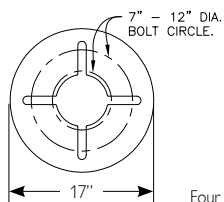
POSTS - 305, 400, 401 Cast Shafts



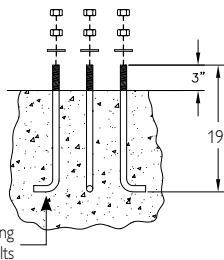
Model	305	400	401
Shaft Dia.	3" to 5" Tap	3" to 5" Tap	3" to 5" Tap
Wall Thickness	.250"	.250"	.250"
Top Dia.	3"	3"	3"
Base Dia.	17"	12 1/2 sq."	13"
Bolt Circle Dia.	7" - 12" dia.	7"	7"

305 Post Specifications

Bolt Circle Diagram

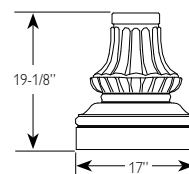


Anchor Bolt Diagram



Four 3/4" dia. x 19" long galvanized steel anchor bolts

Base Dimensions



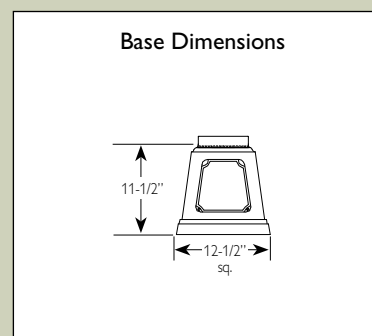
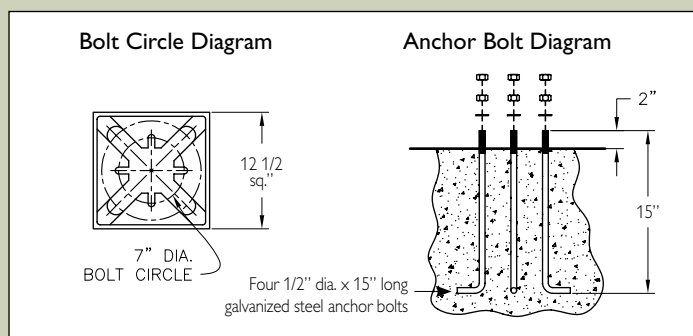
POSTS

Ordering Example: 305-12 VRD B 1

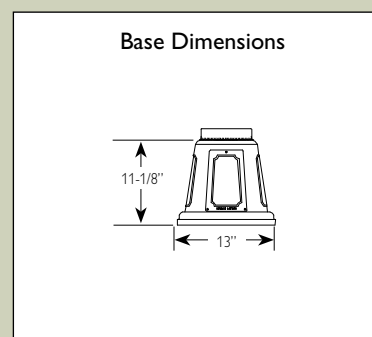
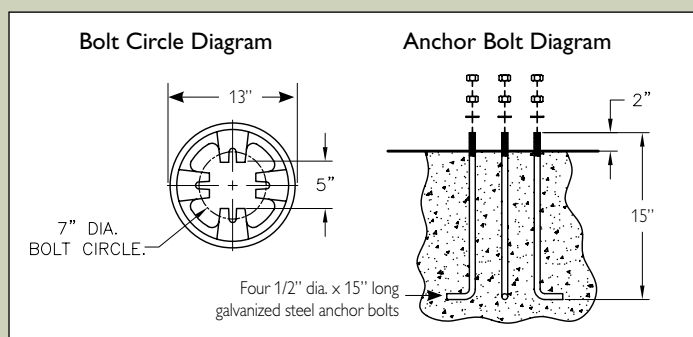
Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
305-10	ALL FINISHES AVAILABLE (see page 5)	()	()
305-12		()	()
400-96		()	()
400-116		()	()
401-96		()	()
401-116		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
31.07	15.60	6.73
24.40	11.88	4.54
22.10	10.94	5.77
17.21	8.18	3.75
22.10	10.94	5.98
17.21	8.18	3.92

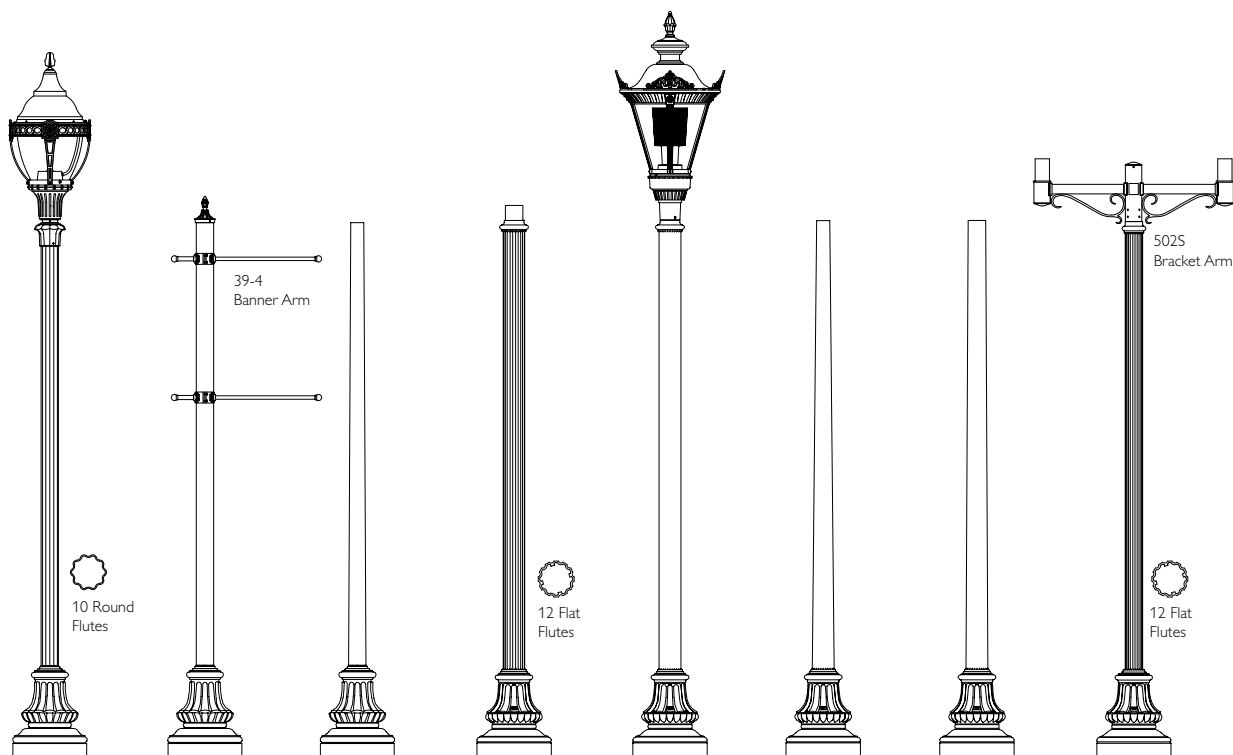
400 Post Specifications



401 Post Specifications



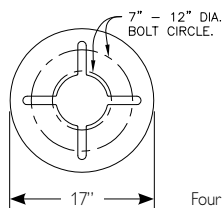
POSTS - 306, 307, 308, 345, 346, 347, 348, 751



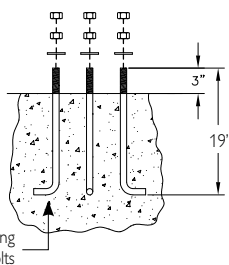
Model	306	307	308	345	346	347	348	751
Shaft Dia.	4"	4"	3" to 4" Tap	5"	5"	3" to 5" Tap	4" to 5" Tap	4"
Wall Thickness	.125"	.125"	.125"	.250"	.125"	.188"	.188"	.188"
Top Dia.	3"	4"	3"	3" or 4"	3" or 4"	3"	4"	3"
Base Dia.	17"	17"	17"	17"	17"	17"	17"	17"
Bolt Cir. Dia.	7"	7"	7"	7"	7"	7"	7"	7"

Post Specifications

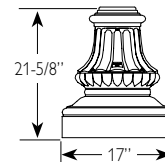
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



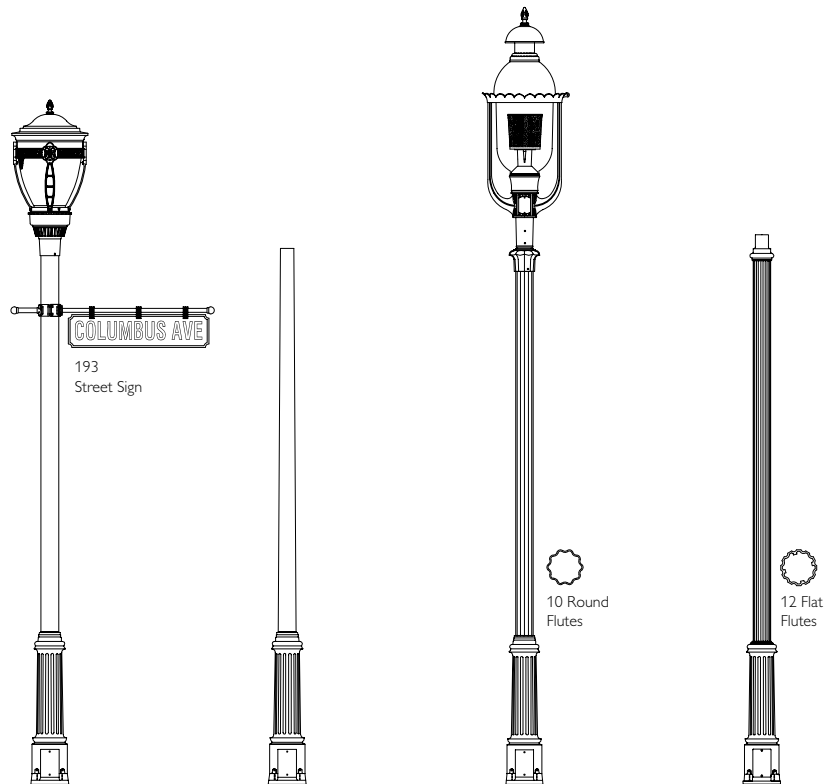
POSTS

Ordering Example: 307-14 BLK B 1

Ordering Guide				
Model	Finish	Tenon Option (3) 3" dia. (4) 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
306-8	ALL FINISHES AVAILABLE (see page 5)		()	()
306-10			()	()
306-12			()	()
306-14			()	()
306-16			()	()
307-8			()	()
307-10			()	()
307-12			()	()
307-14			()	()
307-16			()	()
308-8			()	()
308-10			()	()
308-12			()	()
308-14			()	()
308-16			()	()
345-10		()	()	()
345-12		()	()	()
345-14		()	()	()
345-16		()	()	()
345-18		()	()	()
346-12		()	()	()
346-14		()	()	()
346-16		()	()	()
346-18		()	()	()
347-11			()	()
347-13			()	()
347-15			()	()
347-17			()	()
348-11			()	()
348-13			()	()
348-15			()	()
348-17			()	()
751-8			()	()
751-10			()	()
751-12			()	()
751-14			()	()
751-16			()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
19.69	9.94	8.47
14.30	6.93	5.60
10.69	4.96	3.68
8.49	3.54	2.23
6.86	2.42	1.07
19.18	9.65	8.12
13.99	6.75	5.35
10.68	4.84	3.47
8.34	3.44	2.05
6.55	2.34	0.62
19.31	9.79	8.30
14.16	6.92	5.59
10.89	5.05	3.77
8.59	3.78	2.41
6.85	2.64	1.31
32.14	16.02	-
26.02	12.59	-
21.53	10.02	-
18.05	7.98	-
15.26	6.31	-
26.02	12.59	-
21.53	10.02	-
18.05	7.98	-
15.26	6.31	-
28.89	14.53	-
23.33	11.43	-
19.30	9.14	-
16.21	7.35	-
28.69	14.33	-
23.09	11.19	-
19.02	8.86	-
15.89	7.02	-
27.89	14.26	-
20.52	10.17	-
16.01	7.66	-
12.78	5.79	-
10.39	4.37	-

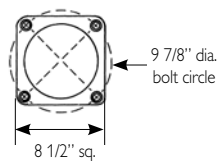
POSTS - 312, 314, 713, 714



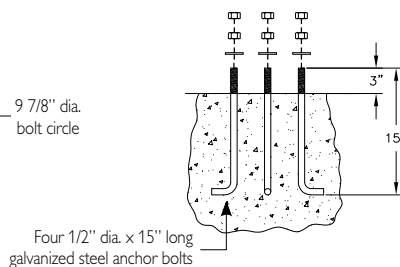
Model	312	314	713	714
Shaft Dia.	4"	3" to 4" Tap	4"	4"
Wall Thickness	.125"	.125"	.125"	.188"
Top Dia.	4"	3"	3"	3"
Base Dia.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.
Bolt Circle Dia.	9 7/8"	9 7/8"	9 7/8"	9 7/8"

Post Specifications

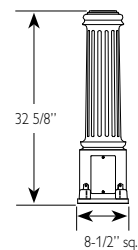
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



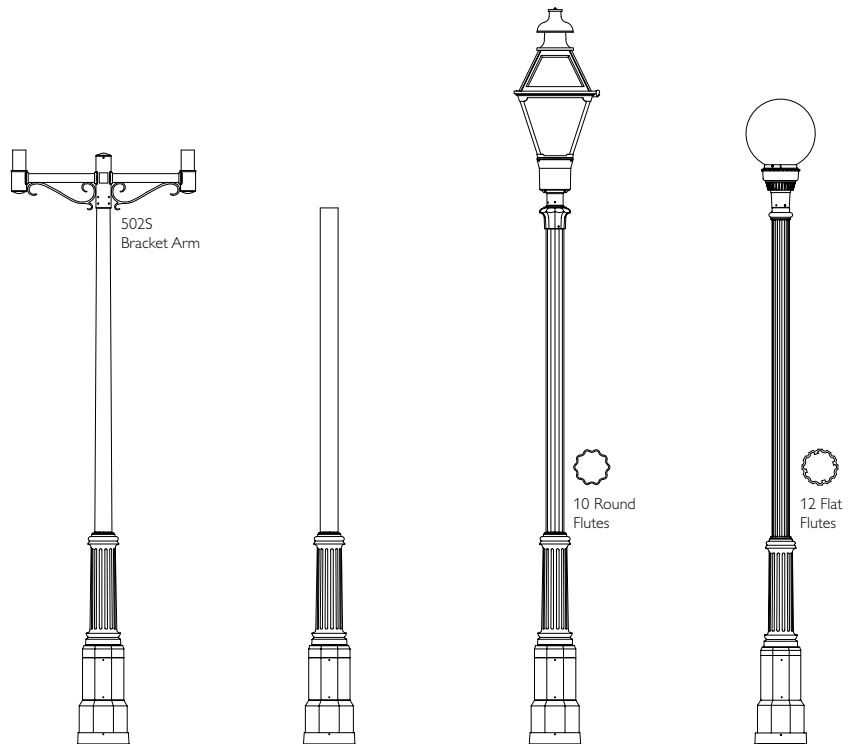
POSTS

Ordering Example: 314-12VRD C 2

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
312-8	ALL FINISHES AVAILABLE (see page 5)	()	()
312-10		()	()
312-12		()	()
312-14		()	()
314-8		()	()
314-10		()	()
314-12		()	()
314-14		()	()
713-8		()	()
713-10		()	()
713-12		()	()
713-14		()	()
714-8		()	()
714-10		()	()
714-12		()	()
714-14		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
23.15	11.83	7.37
16.25	8.03	5.05
12.17	5.71	3.36
9.42	4.10	2.02
23.15	11.83	7.37
16.25	8.03	5.05
12.17	5.71	3.36
9.42	4.10	2.02
23.91	12.25	7.37
16.67	8.26	5.05
12.44	5.86	3.36
9.61	4.21	2.02
33.88	17.30	-
24.35	12.32	-
18.45	9.04	-
14.54	6.82	-

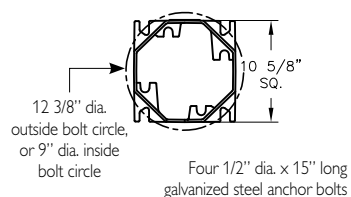
POSTS - 316, 317, 318, 758



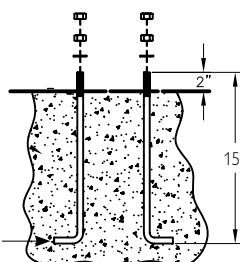
Model	316	317	318	758
Shaft Dia.	3" to 4" Tap	4"	4"	4"
Wall Thickness	.125"	.125"	.125"	.188"
Top Dia.	3"	4"	3"	3"
Base Dia.	10 5/8" sq.	10 5/8" sq.	10 5/8" sq.	10 5/8" sq.
Bolt Circle Dia.	12 3/8" or 9"	12 3/8" or 9"	12 3/8" or 9"	12 3/8" or 9"

Post Specifications

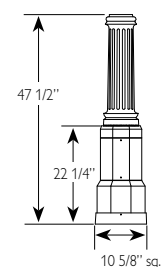
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



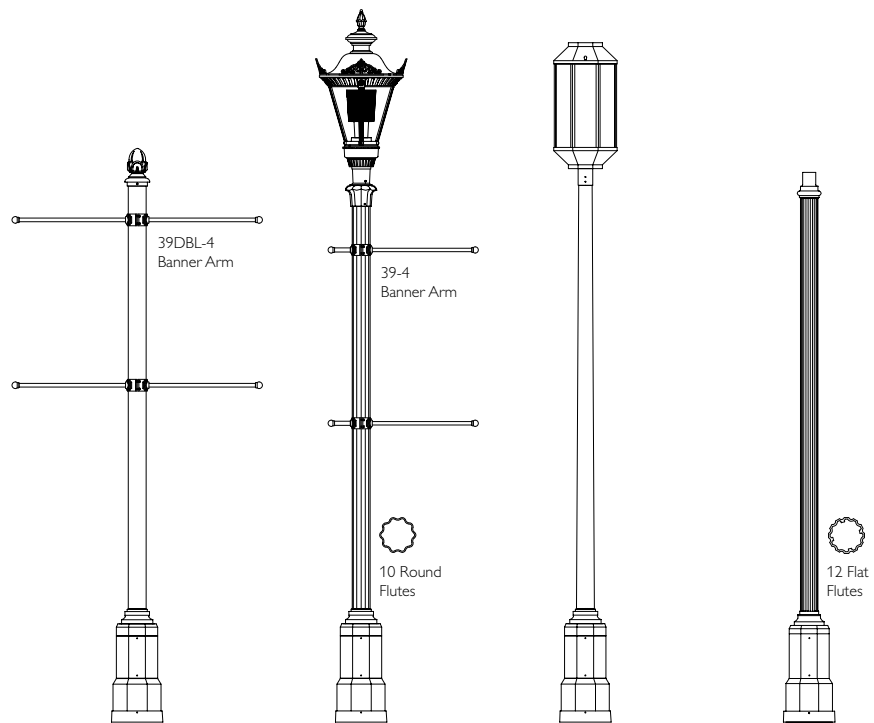
POSTS

Ordering Example: 316-12 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
316-8	ALL FINISHES AVAILABLE (see page 5)	()	()
316-10		()	()
316-12		()	()
316-14		()	()
317-8		()	()
317-10		()	()
317-12		()	()
317-14		()	()
318-8		()	()
318-10		()	()
318-12		()	()
318-14		()	()
758-8		()	()
758-10		()	()
758-12		()	()
758-14		()	()

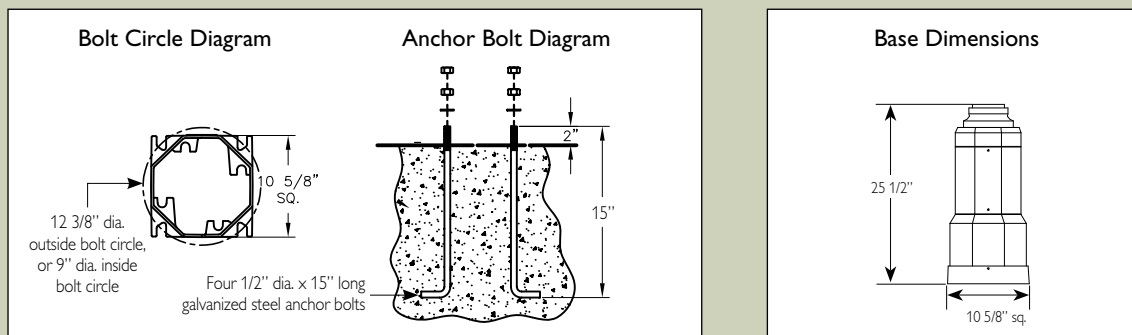
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
30.02	15.56	10.13
19.73	9.96	7.26
14.31	6.93	5.20
10.90	4.97	3.59
30.02	15.56	10.13
19.73	9.96	7.26
14.31	6.93	5.20
10.90	4.97	3.59
30.02	15.56	10.13
19.73	9.96	7.26
14.31	6.93	5.20
10.90	4.97	3.59
29.53	15.15	-
21.56	10.79	-
16.65	8.03	-
13.27	6.08	-

POSTS - 319, 320, 321, 755



Model	319	320	321	755
Shaft Dia.	4"	4"	3" to 4" Tap	4"
Wall Thickness	.125"	.125"	.125"	.188"
Top Dia.	4"	3"	3"	3"
Base Dia.	10 5/8" sq.	10 5/8" sq.	10 5/8" sq.	10 5/8" sq.
Bolt Circle Dia.	12 3/8" or 9"	12 3/8" or 9"	12 3/8" or 9"	12 3/8" or 9"

319, 320, 321 Post Specifications



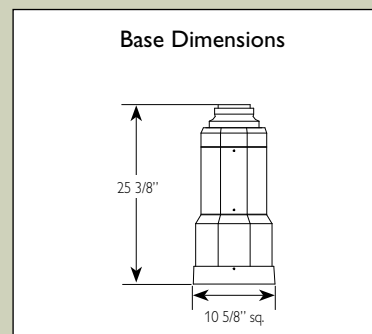
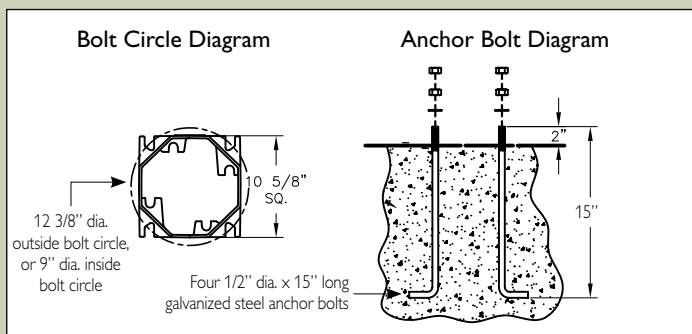
POSTS

Ordering Example: 320-12 BLK B 1

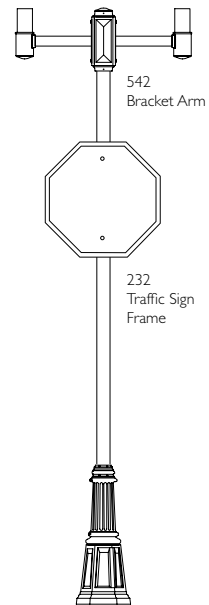
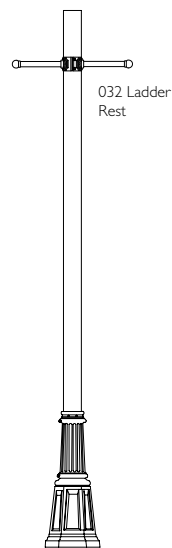
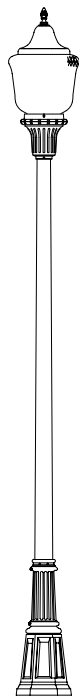
Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
319-8	ALL FINISHES AVAILABLE (see page 5)	()	()
319-10		()	()
319-12		()	()
319-14		()	()
320-8		()	()
320-10		()	()
320-12		()	()
320-14		()	()
321-8		()	()
321-10		()	()
321-12		()	()
321-14		()	()
755-8		()	()
755-10		()	()
755-12		()	()
755-14		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.50	EPA Wind Zone 110 MPH F.S. = 1.50	EPA Wind Zone 130 MPH F.S. = 1.50
21.00	10.65	9.06
15.05	7.35	5.93
11.39	5.26	3.89
8.86	3.76	2.38
21.00	10.65	9.06
15.05	7.35	5.93
11.39	5.26	3.89
8.86	3.76	2.38
21.00	10.65	9.06
15.05	7.35	5.93
11.39	5.26	3.89
8.86	3.76	2.38
29.53	15.15	-
21.56	10.78	-
16.65	8.03	-
13.27	6.08	-

755 Post Specifications



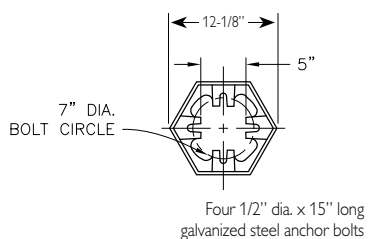
POSTS - 325, 335, 385



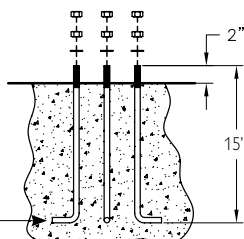
Model	325	335	385
Shaft Dia.	3" to 4" Tap	4"	3"
Wall Thickness	.125"	.125"	.125"
Top Dia.	3"	4"	3"
Base Dia.	12 1/8"	12 1/8"	12 1/8"
Bolt Circle Dia.	7"	7"	7"

Post Specifications

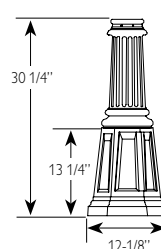
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



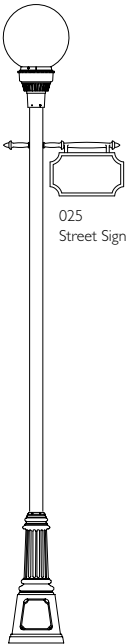
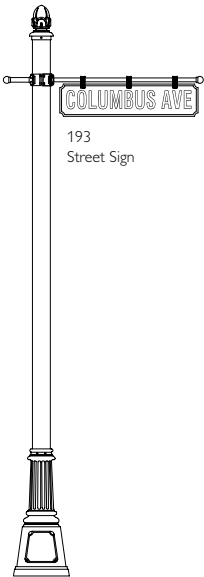
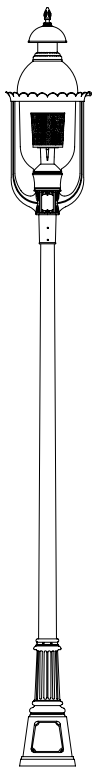
POSTS

Ordering Example: 335-10 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
325-8	ALL FINISHES AVAILABLE (see page 5)	()	()
325-10		()	()
325-12		()	()
335-8		()	()
335-10		()	()
335-12		()	()
385-8		()	()
385-10		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.89	3.63	3.17
5.53	2.23	1.63
3.91	1.22	0.49
7.89	3.74	3.17
5.53	2.20	1.63
3.91	1.25	0.49
8.18	3.92	3.57
5.90	2.60	2.14

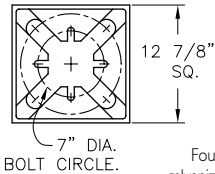
POSTS - 327, 337, 387



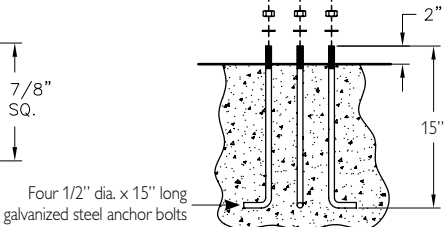
Model	327	337	387
Shaft Dia.	3" to 4" Tap	4"	3"
Wall Thickness	.125"	.125"	.125"
Top Dia.	3"	4"	3"
Base Dia.	12 7/8" sq.	12 7/8" sq.	12 7/8" sq.
Bolt Circle Dia.	7"	7"	7"

Post Specifications

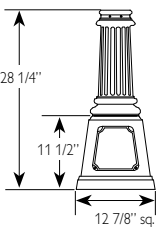
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



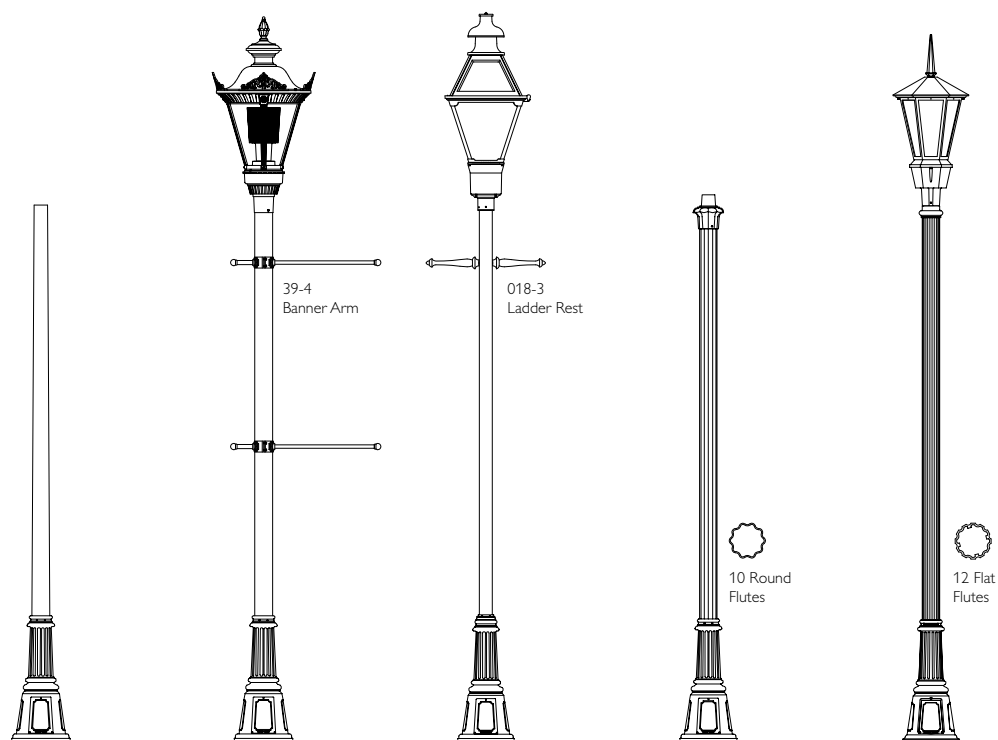
POSTS

Ordering Example: 337-10 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
327-8	ALL FINISHES AVAILABLE (see page 5)	()	()
327-10		()	()
327-12		()	()
337-8		()	()
337-10		()	()
337-12		()	()
387-8		()	()
387-10		()	()

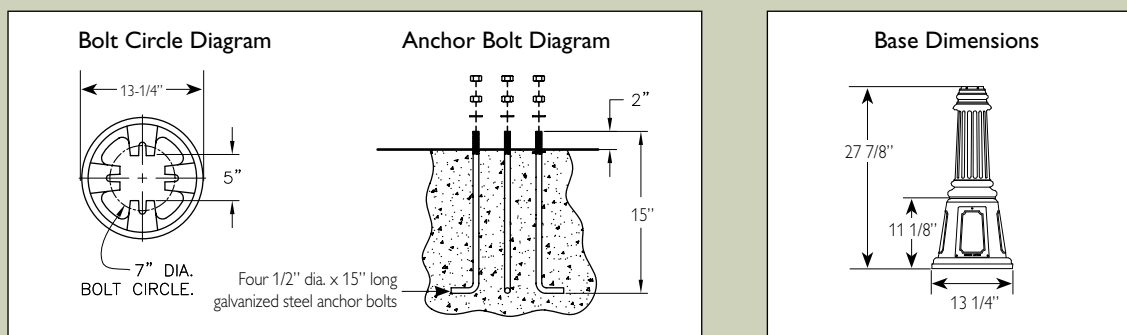
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.77	3.59	3.10
5.45	2.21	1.58
3.86	1.21	0.45
7.77	3.67	3.10
5.45	2.25	1.60
3.86	1.21	0.45
8.06	3.85	3.50
5.83	2.56	2.11

POSTS - 329, 339, 389, 729, 730



Model	329	339	389	729	730
Shaft Dia.	3" to 4" Tap	4"	3"	4"	4"
Wall Thickness	.125"	.125"	.125"	.125"	.188"
Top Dia.	3"	4"	3"	3"	3"
Base Dia.	13 1/4"	13 1/4"	13 1/4"	13 1/4"	13 1/4"
Bolt Circle Dia.	7"	7"	7"	7"	7"

Post Specifications



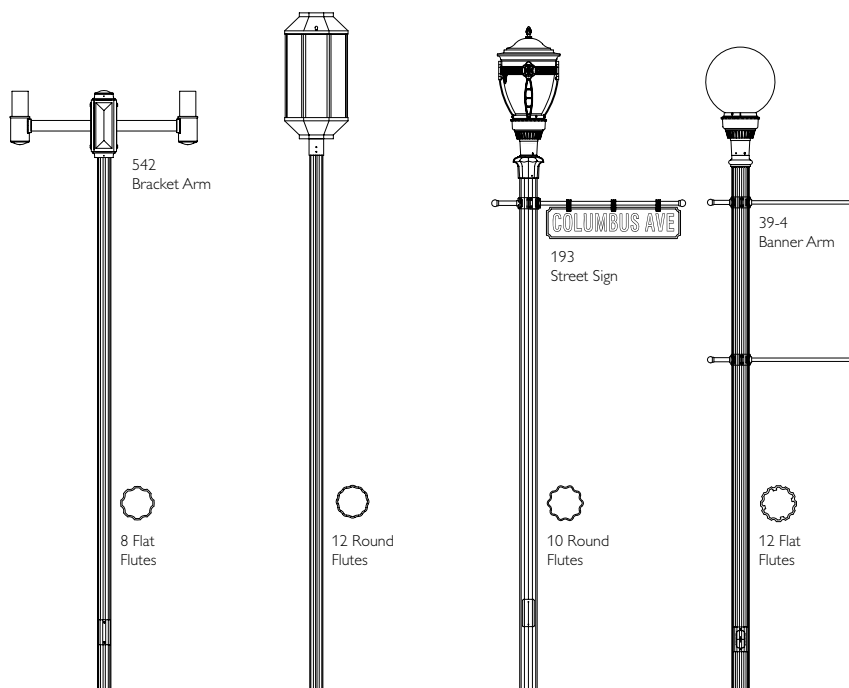
POSTS

Ordering Example: 339-12VRD B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
329-8	ALL FINISHES AVAILABLE (see page 5)	()	()
329-10		()	()
329-12		()	()
339-8		()	()
339-10		()	()
339-12		()	()
389-8		()	()
389-10		()	()
729-10		()	()
729-12		()	()
730-8		()	()
730-10		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.77	3.56	3.10
5.45	2.18	1.58
3.86	1.18	0.45
7.77	3.67	3.10
5.45	2.25	1.60
3.86	1.21	0.45
8.06	3.85	3.50
5.83	2.56	2.11
6.95	6.03	1.58
5.69	4.33	0.45
7.77	3.56	-
5.45	2.18	-

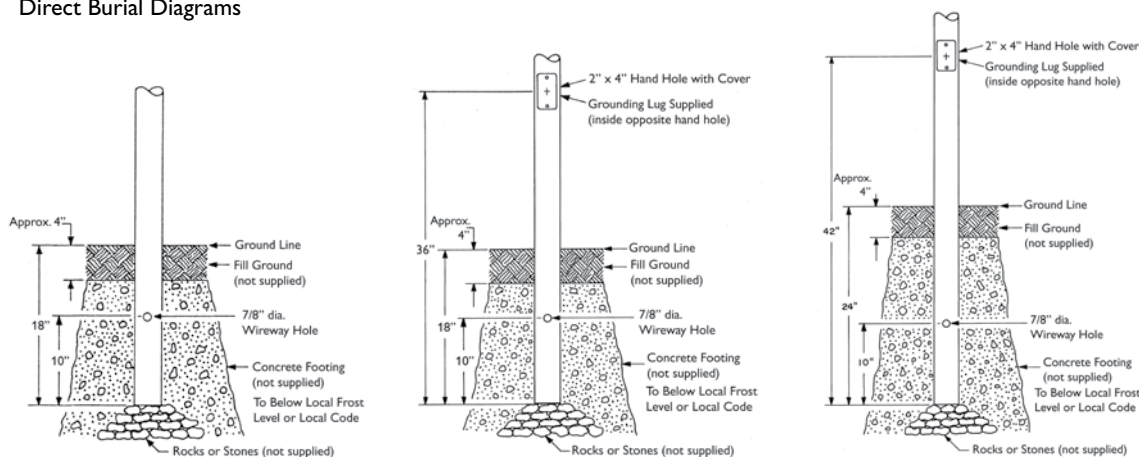
POSTS - 340, 353, 760, 761



Model	340	353	760	761
Shaft Dia.	3"	3"	4"	4"
Wall Thickness	.125"	.125"	.125"	.188"
Top Dia.	3"	3"	3"	3"

Post Specifications

Direct Burial Diagrams



Posts up to 9' length overall

Posts up to 10'-11" length overall

Posts up to 12'-14" length overall

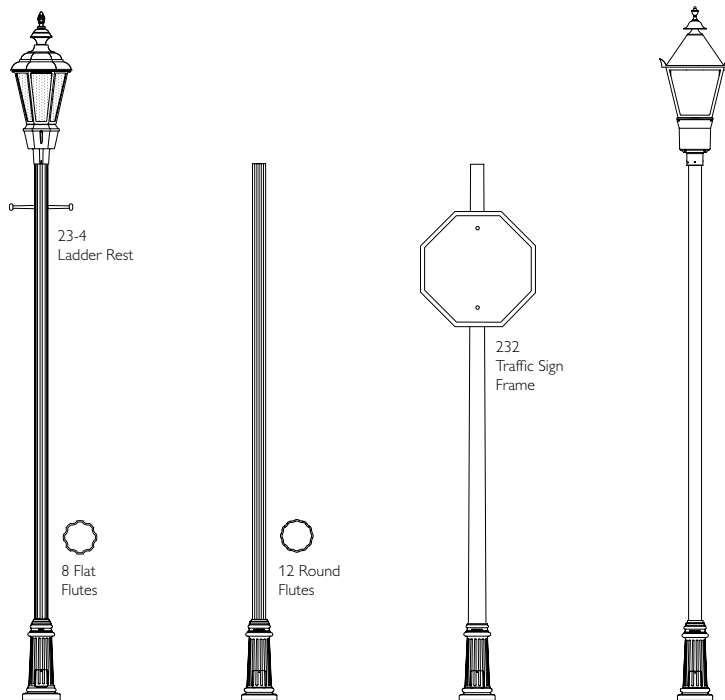
POSTS

Ordering Example: 353-12 BLK B 0

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (0) For Direct Burial & Anchor Base
340-8	ALL FINISHES AVAILABLE (see page 5)	()	()
340-10		()	()
340-12		()	()
340-14		()	()
353-8		()	()
353-10		()	()
353-12		()	()
353-14		()	()
760-8		()	()
760-10		()	()
760-12		()	()
760-14		()	()
761-8		()	()
761-10		()	()
761-12		()	()
761-14		()	()

EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.25	EPA Wind Zone 110 MPH F.S. = 1.25
-	-
-	-
-	-
-	-
2.18	1.18
1.39	0.98
0.97	0.47
0.54	0
5.41	4.98
4.01	3.46
3.06	2.40
2.16	1.34
-	-
-	-
-	-
-	-

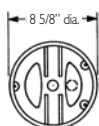
POSTS - 342, 344, 374, 394



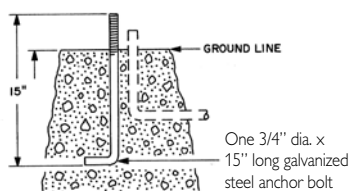
Model	342	344	374	394
Shaft Dia.	3"	3"	3" to 4" Tap	3"
Wall Thickness	.125"	.125"	.125"	.125"
Top Dia.	3"	3"	3"	3"
Base Dia.	8 5/8"	8 5/8"	8 5/8"	8 5/8"

Post Specifications

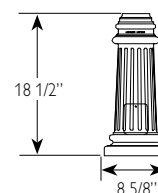
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



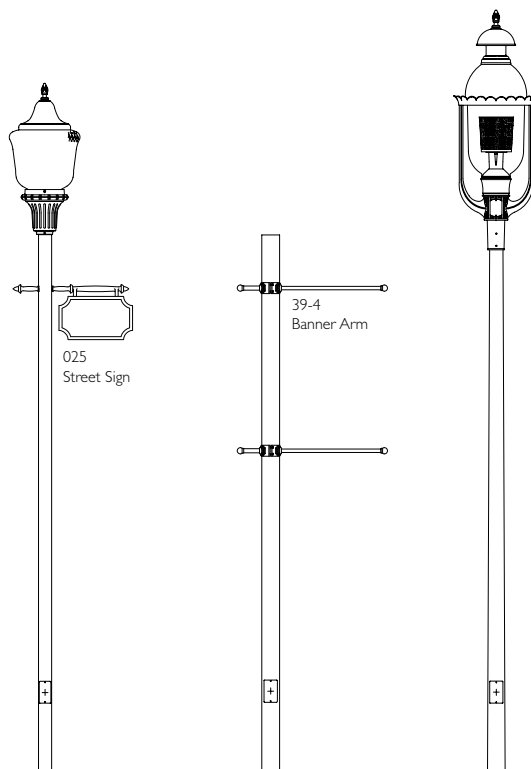
POSTS

Ordering Example: 353-12 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
342-8	ALL FINISHES AVAILABLE (see page 5)	()	()
342-10		()	()
344-8		()	()
344-10		()	()
374-8		()	()
374-10		()	()
394-8		()	()
394-10		()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
9.92	4.87	3.95
7.15	3.28	2.40
9.92	4.87	3.95
7.15	3.28	2.40
17.81	8.87	7.89
13.72	6.57	5.32
9.92	5.60	3.95
7.15	3.28	2.40

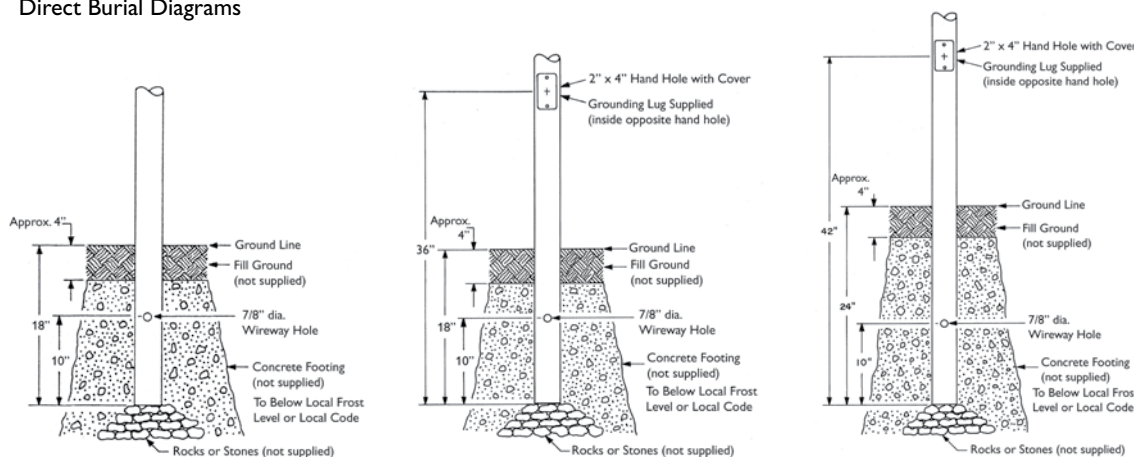
POSTS - 350, 360, 370



Model	350	360	370
Shaft Dia.	3"	4"	3" to 4" Tap
Wall Thickness	.125"	.125"	.125"
Top Dia.	3"	4"	3"

Post Specifications

Direct Burial Diagrams



Posts up to 9' length overall

Posts up to 10'-11" length overall

Posts up to 12'-14" length overall

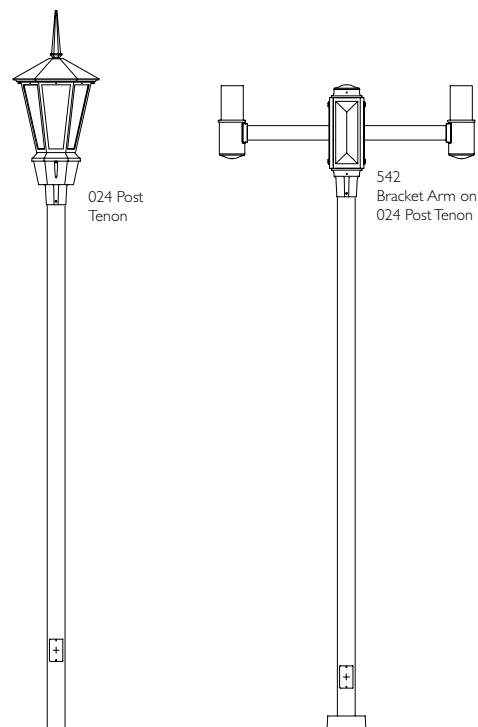
POSTS

Ordering Example: 350-12 BLK B 0

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V (D) 120V only for 3" OD post	Outlet (optional) (O) For Direct Burial & Anchor Base
350-8	ALL FINISHES AVAILABLE (see page 5)	()	()
350-10		()	()
350-12		()	()
350-14		()	()
360-8		()	()
360-10		()	()
360-12		()	()
360-14		()	()
370-8		()	()
370-10		()	()
370-12		()	()
370-14		()	()

EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.25	EPA Wind Zone 110 MPH F.S. = 1.25
12.01	5.97
2.03	0.70
1.19	0.01
0.54	0.00
9.01	3.79
6.30	2.36
4.50	1.32
3.17	0.50
3.67	1.13
2.17	0.26
1.30	0.00
0.48	0.00

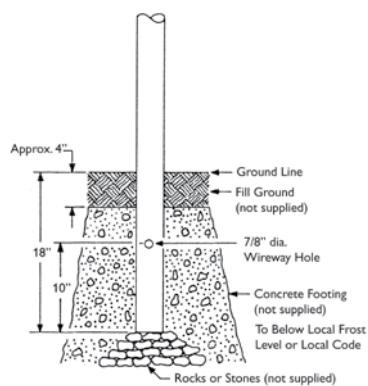
POSTS - 358, 359



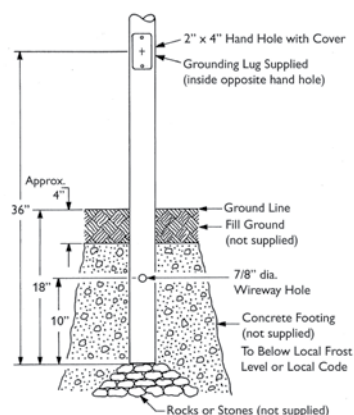
Model	358	359
Shaft Dia.	4" sq.	4" sq.
Wall Thickness	.125"	.125"
Top Dia.	4" sq.	4" sq.
Base Dia.	N/A	8 1/2" sq.
Bolt Circle Dia.	N/A	8 1/2"

Post Specifications

Direct Burial Diagrams



Posts up to 9' length overall



Posts up to 10'-11' length overall

POSTS

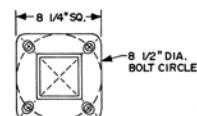
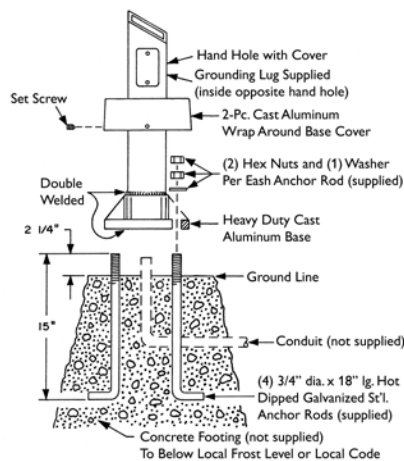
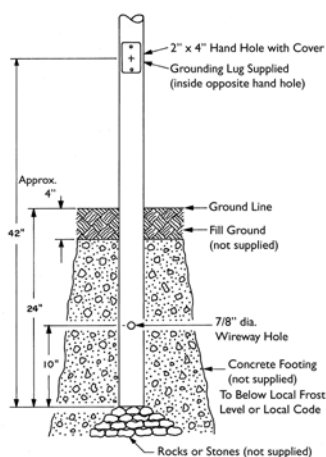
Ordering Example: 358-10 BLK B 0

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V (D) 120V only for 3" OD post	Outlet (optional) (O) For Direct Burial & Anchor Base
358-8	ALL FINISHES AVAILABLE (see page 5)	()	()
358-10		()	()
358-12		()	()
358-14		()	()
359-8		()	()
359-10		()	()
359-12		()	()
359-14		()	()

EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.25	EPA Wind Zone 110 MPH F.S. = 1.25
28.10	14.36
20.89	10.39
16.31	7.81
13.09	5.95
25.66	11.66
19.31	8.67
15.15	6.59
12.17	5.01

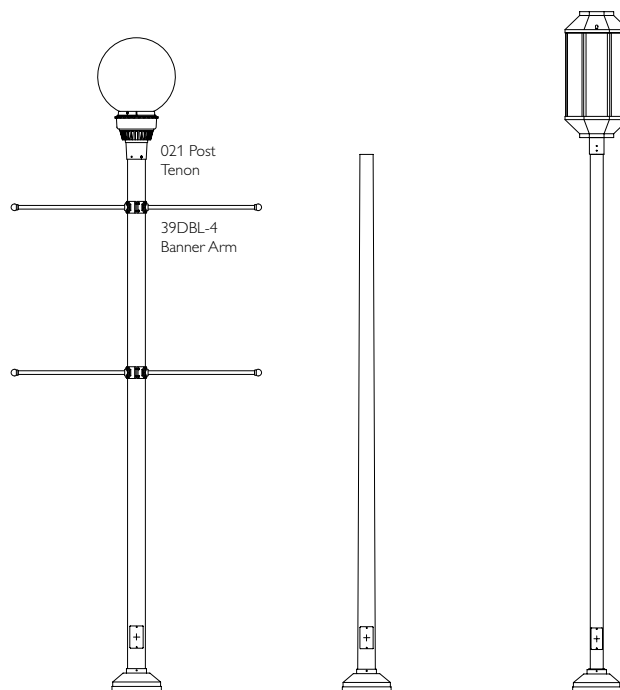
Post Specifications

Direct Burial Diagrams



Posts up to 12'-14" length overall

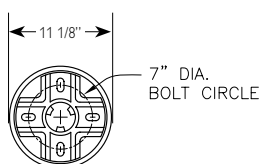
POSTS - 361, 371, 391



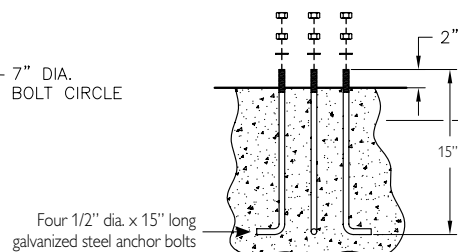
Model	361	371	391
Shaft Dia.	4"	3" to 4" Tap	3"
Wall Thickness	.125"	.125"	.125"
Top Dia.	4"	3"	3"
Base Dia.	11 1/8"	11 1/8"	11 1/8"
Bolt Circle Dia.	7"	7"	7"

Post Specifications

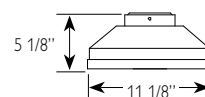
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



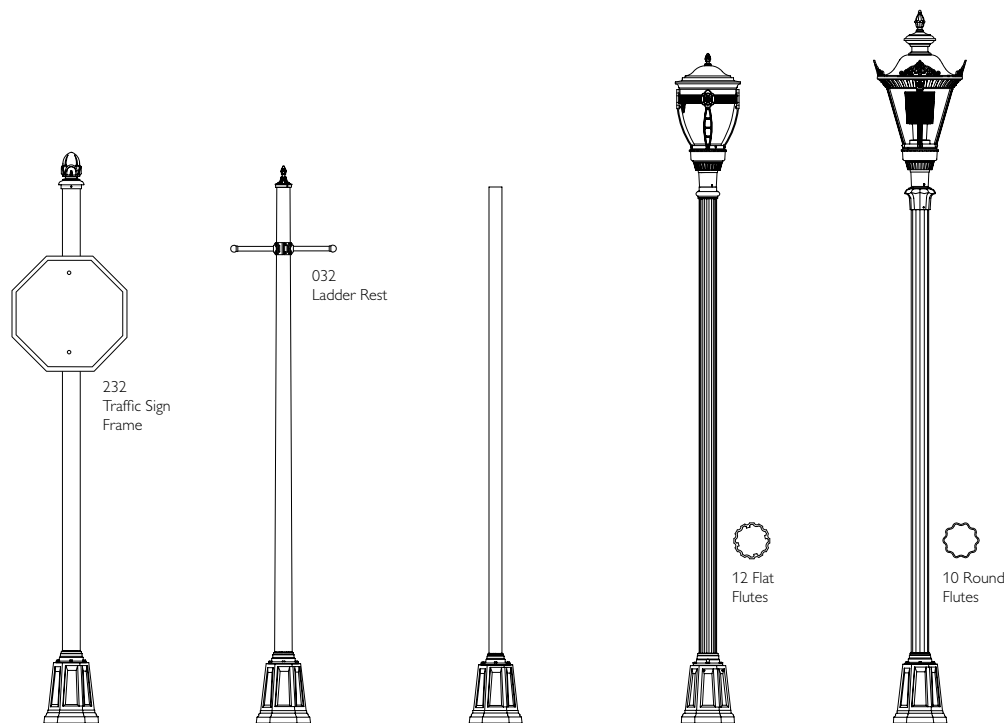
POSTS

Ordering Example: 361-12 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
361-8	ALL FINISHES AVAILABLE (see page 5)	()	()
361-10		()	()
361-12		()	()
361-14		()	()
371-8		()	()
371-10		()	()
371-12		()	()
371-14		()	()
391-8		()	()
391-10		()	()
391-12		()	()

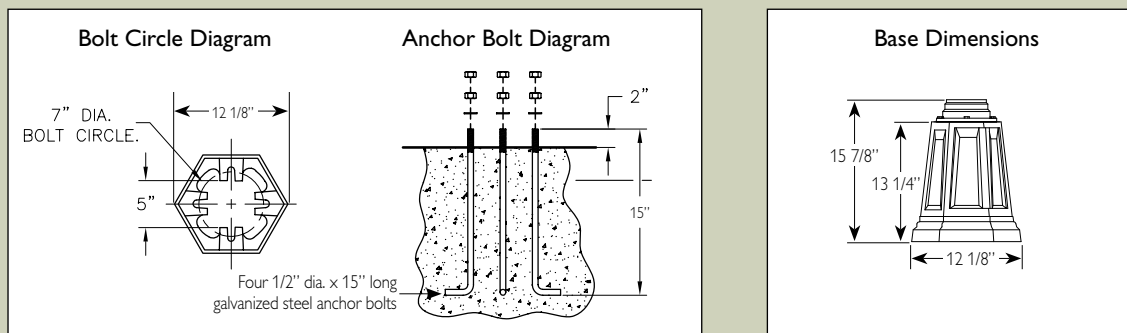
EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5
5.95	2.55
4.11	1.43
2.79	0.57
1.76	0.00
7.81	2.44
6.07	1.43
4.97	0.66
4.20	0.02
1.47	0.78
0.94	0.17
0.33	0.00

POSTS - 365, 375, 395, 764, 765



Model	365	375	395	764	765
Shaft Dia.	4"	3" to 4" Tap	3"	4"	4"
Wall Thickness	.125"	.125"	.125"	.188"	.125"
Top Dia.	4"	3"	3"	3"	3"
Base Dia.	12 1/8"	12 1/8"	12 1/8"	12 1/8"	12 1/8"
Bolt Circle Dia.	7"	7"	7"	7"	7"

Post Specifications



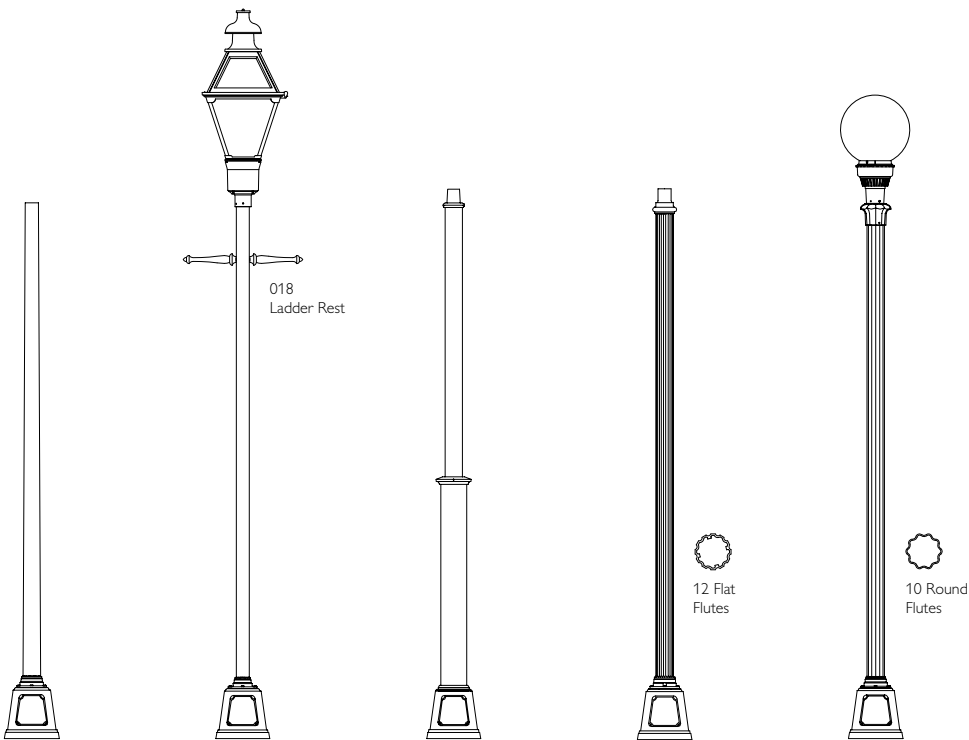
POSTS

Ordering Example: 375-10 FGN B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
365-8	ALL FINISHES AVAILABLE (see page 5)	()	()
365-10		()	()
365-12		()	()
375-8		()	()
375-10		()	()
375-12		()	()
395-8		()	()
395-10		()	()
764-8		()	()
764-10		()	()
764-12		()	()
765-8		()	()
765-10		()	()
765-12		()	()

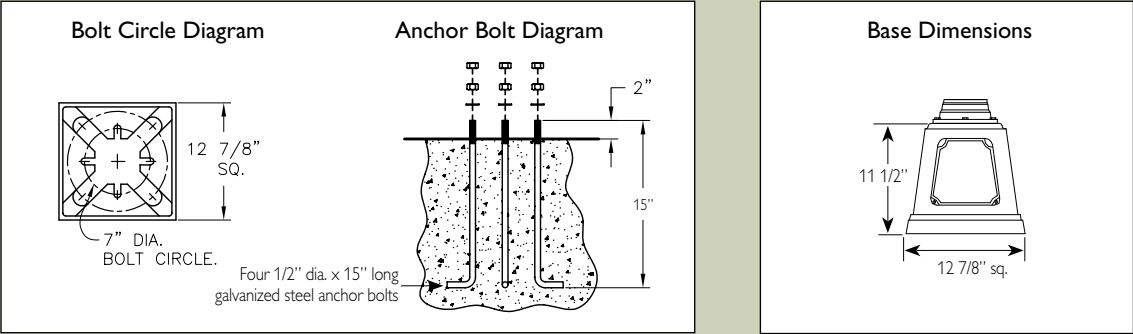
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.89	3.63	3.17
5.53	2.23	1.63
3.91	1.22	0.49
8.18	3.86	3.46
5.81	2.47	1.95
4.20	1.48	0.85
8.18	3.92	3.57
5.90	2.59	2.15
7.77	3.56	-
5.45	2.18	-
3.86	1.18	-
7.89	3.63	3.17
5.53	2.23	1.63
3.91	1.22	0.49

POSTS - 377, 397, 402, 766, 767



Model	377	397	402	766	767
Shaft Dia.	3" to 4" Tap	3"	3" to 6" sq.	4"	4"
Wall Thickness	.125"	.125"	.125"	.188"	.125"
Top Dia.	3"	3"	3"	3"	3"
Base Dia.	12 7/8"	12 7/8"	12 7/8"	12 7/8"	12 7/8"
Bolt Circle Dia.	7"	7"	7"	7"	7"

Post Specifications



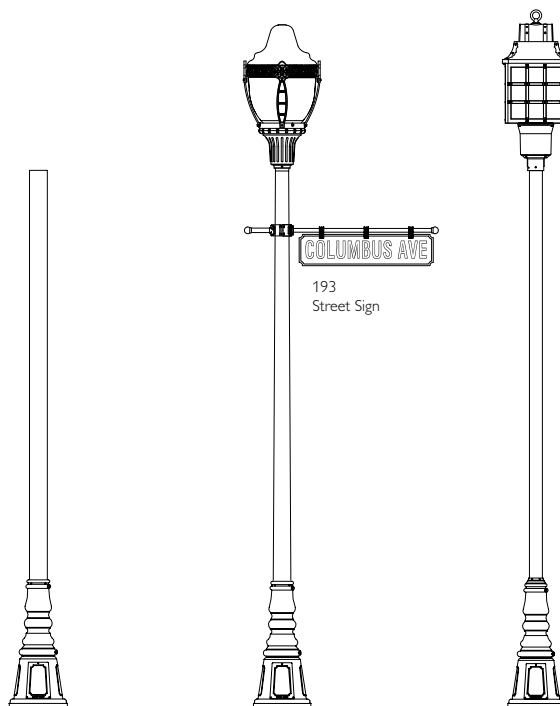
POSTS

Ordering Example: 377-12 FGN B 0

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
377-8	ALL FINISHES AVAILABLE (see page 5)	()	()
377-10		()	()
377-12		()	()
397-8		()	()
397-10		()	()
402-8		()	()
402-10		()	()
402-12		()	()
402-14		()	()
766-8		()	()
766-10		()	()
766-12		()	()
767-8		()	()
767-10		()	()
767-12		()	()

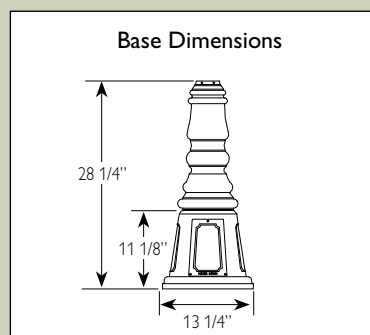
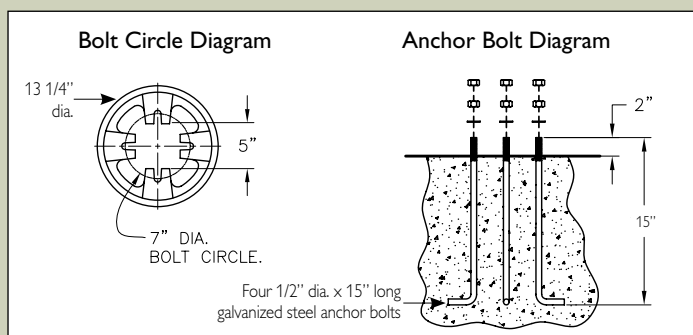
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.83	3.67	3.23
5.59	2.34	1.80
4.05	1.39	0.72
7.95	3.79	3.13
5.75	2.51	1.80
34.32	17.53	7.94
26.86	13.43	5.51
25.84	10.58	3.74
18.04	8.45	2.34
7.77	3.56	-
5.45	2.18	-
3.86	1.18	-
7.80	3.59	3.17
5.48	2.21	1.63
3.88	1.21	0.49

POSTS - 368, 378, 388



Model	368	378	388
Shaft Dia.	4"	3" to 4" Tap	3"
Wall Thickness	.125"	.125"	.125"
Top Dia.	4"	3"	3"
Base Dia.	13 1/4"	13 1/4"	13 1/4"
Bolt Circle Dia.	7"	7"	7"

Post Specifications



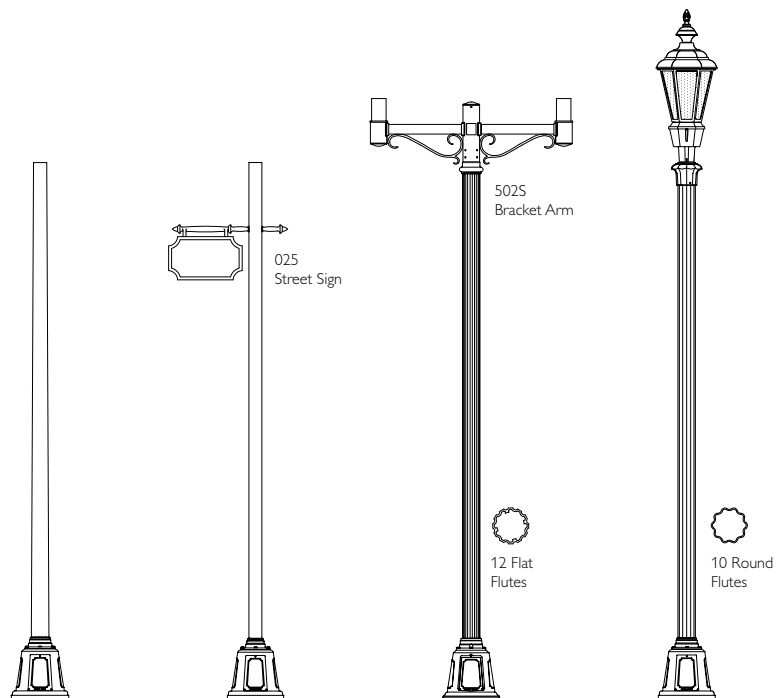
POSTS

Ordering Example: 378-12 FGN C 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
368-8	ALL FINISHES AVAILABLE (see page 5)	()	()
368-10		()	()
368-12		()	()
378-8		()	()
378-10		()	()
378-12		()	()
388-8		()	()
388-10		()	()

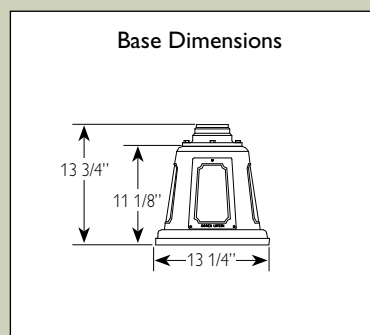
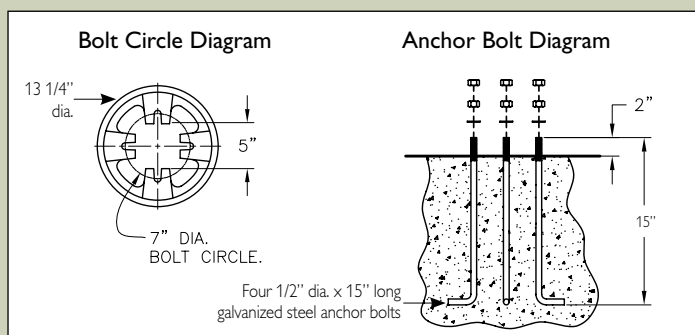
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
7.68	3.52	3.07
5.41	2.16	1.57
3.83	1.17	0.45
7.91	4.73	3.30
5.64	3.68	1.84
4.08	3.01	0.76
8.06	3.85	3.50
5.83	2.56	2.11

POSTS - 379, 399, 768, 769



Model	379	399	768	769
Shaft Dia.	3" to 4" Tap	3"	4"	4"
Wall Thickness	.125"	.125"	.188"	.125"
Top Dia.	3"	3"	3"	3"
Base Dia.	13 1/4"	13 1/4"	13 1/4"	13 1/4"
Bolt Circle Dia.	7"	7"	7"	7"

Post Specifications



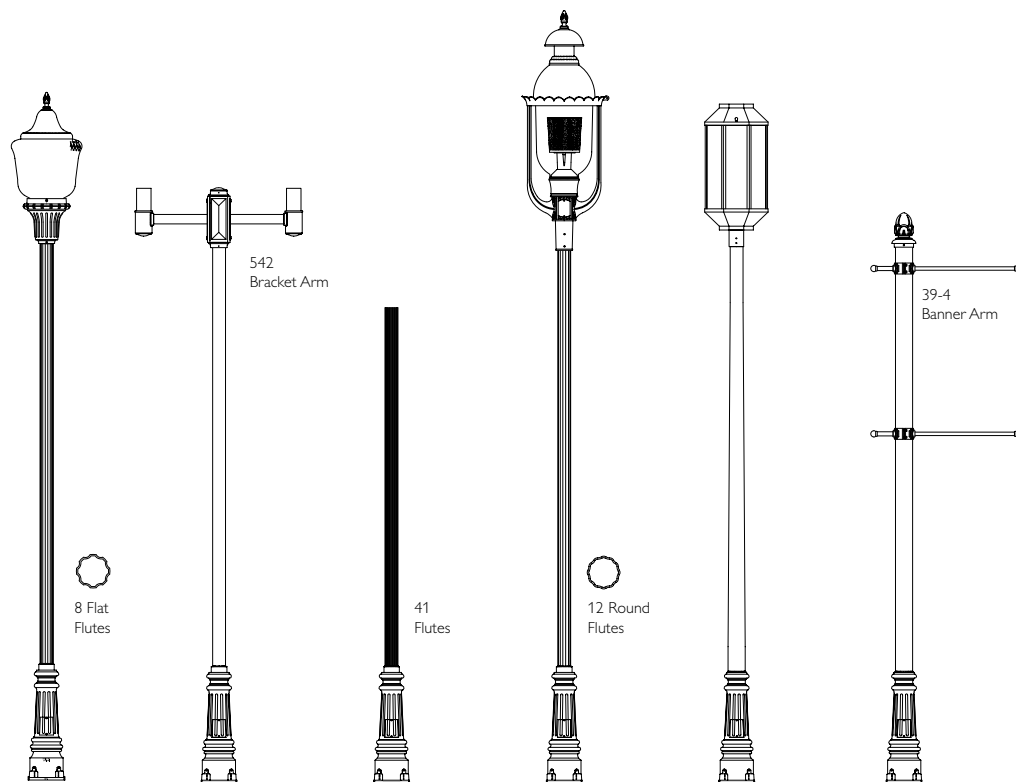
POSTS

Ordering Example: 399-12 BLK B 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
379-8	ALL FINISHES AVAILABLE (see page 5)	()	()
379-10		()	()
379-12		()	()
399-8		()	()
399-10		()	()
768-8		()	()
768-10		()	()
768-12		()	()
769-8		()	()
769-10		()	()
769-12		()	()

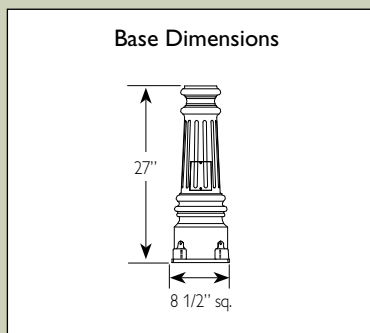
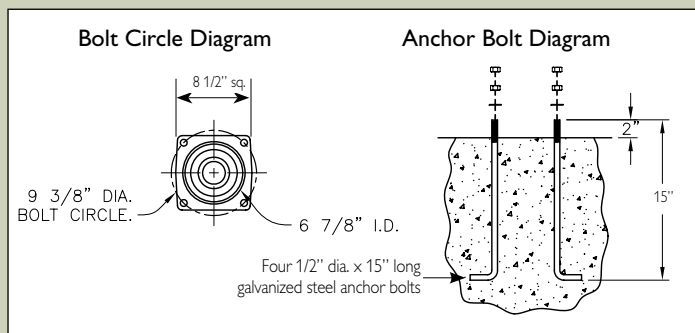
EPA Wind Load		
EPA Wind Zone 80 MPH	EPA Wind Zone 110 MPH	EPA Wind Zone 130 MPH
7.83	3.67	3.13
5.59	2.34	1.80
4.05	1.39	0.73
7.95	3.79	3.43
5.75	2.51	2.06
7.77	4.11	-
5.45	2.89	-
3.86	2.04	-
7.69	3.52	3.05
5.40	2.15	1.54
3.82	1.16	0.42

POSTS - 770, 771, 772, 773, 774, 775



Model	770	771	772	773	774	775
Shaft Dia.	3"	3"	3"	3"	3" to 4" Tap	4"
Wall Thickness	.125"	.125"	.070"	.125"	.125"	.125"
Top Dia.	3"	3"	3"	3"	3"	4"
Base Dia.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.	8 1/2" sq.
Bolt Circle Dia.	9-3/8"	9-3/8"	9-3/8"	9-3/8"	9-3/8"	9-3/8"

Post Specifications



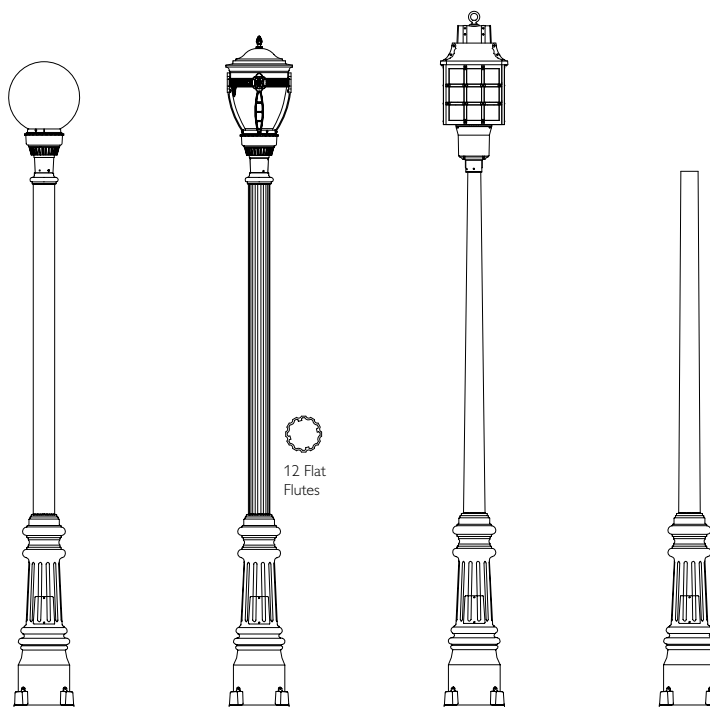
POSTS

Ordering Example: 770-12 BLK C 1

Ordering Guide			
Model	Finish	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
770-8	ALL FINISHES AVAILABLE (see page 5)	()	()
770-10		()	()
770-12		()	()
771-6		()	()
771-8		()	()
771-10		()	()
771-12		()	()
772-6		()	()
772-8		()	()
773-6		()	()
773-8		()	()
773-10		()	()
773-12		()	()
774-6		()	()
774-8		()	()
774-10		()	()
774-12		()	()
775-6		()	()
775-8		()	()
775-10		()	()
775-12		()	()

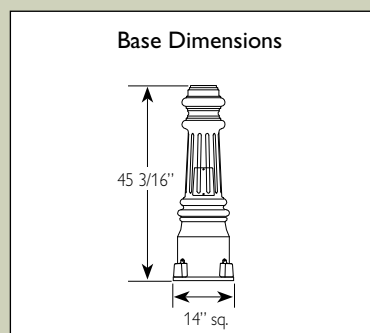
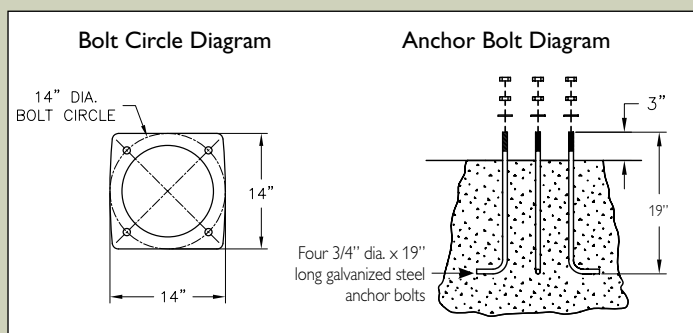
EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
11.42	5.70	-
8.03	3.79	-
5.94	2.57	-
18.14	9.38	8.16
11.42	5.70	4.75
8.03	3.79	2.91
5.94	2.57	1.69
10.54	5.36	4.57
6.46	3.08	2.40
18.14	9.38	8.16
11.42	5.70	4.75
8.04	3.80	2.91
5.94	2.57	1.69
16.86	8.64	-
10.76	5.28	-
7.55	3.45	-
5.52	2.23	-
16.78	8.56	-
10.63	5.15	-
7.39	3.29	-
5.32	2.03	-

POSTS - 776, 777, 778, 779



Model	776	777	778	779
Shaft Dia.	5"	5"	3" to 5" Tap	4" to 5" Tap
Wall Thickness	.250"	.250"	.188"	.188"
Top Dia.	3" or 4"	3" or 4"	3"	4"
Base Dia.	14" sq.	14" sq.	14" sq.	14" sq.
Bolt Circle Dia.	14"	14"	14"	14"

Post Specifications



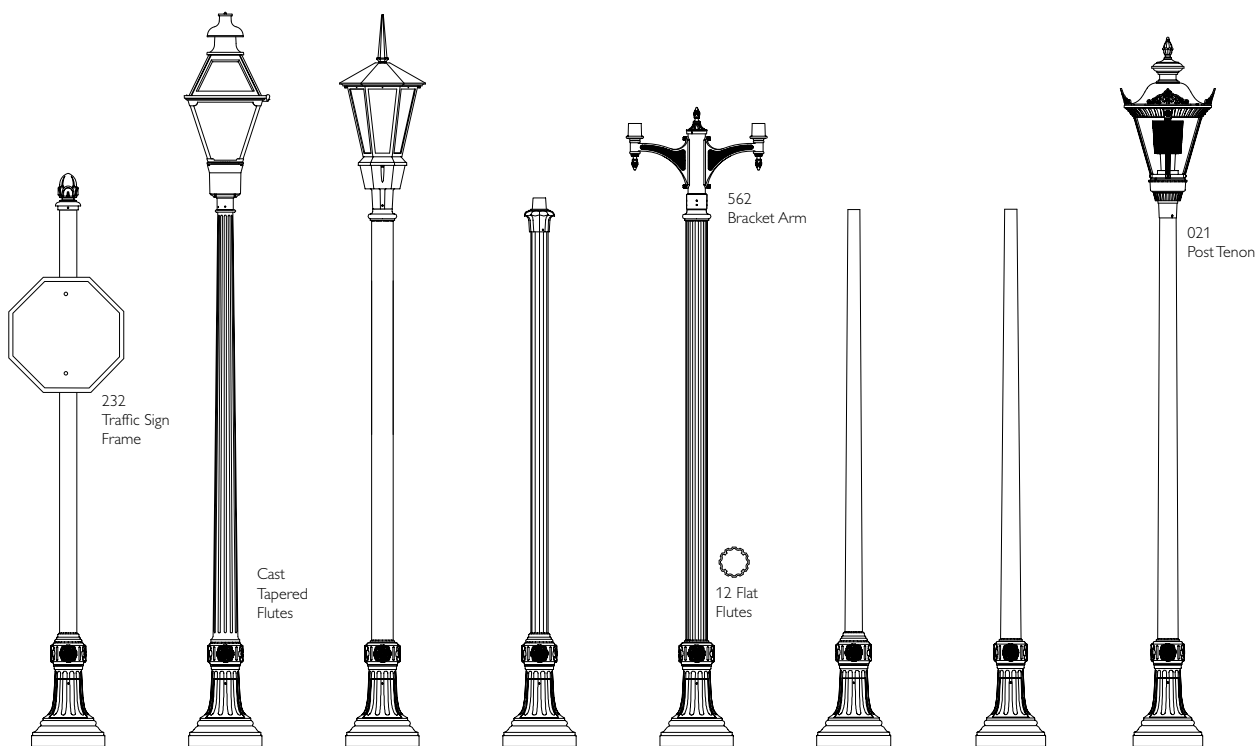
POSTS

Ordering Example: 778-14 BLK B 2

Ordering Guide				
Model	Finish	Tenon Option 3 = 3" dia. 4 = 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
776-12	ALL FINISHES AVAILABLE (see page 5)	()	()	()
776-14		()	()	()
776-16		()	()	()
776-18		()	()	()
777-12		()	()	()
777-14		()	()	()
777-16		()	()	()
777-18		()	()	()
778-12			()	()
778-14			()	()
778-16			()	()
779-12			()	()
779-14			()	()
779-16			()	()

EPA Wind Load		
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5	EPA Wind Zone 130 MPH F.S. = 1.5
39.21	19.57	18.57
32.83	16.00	14.84
27.95	13.22	11.50
24.06	10.96	8.77
36.72	19.57	18.57
30.70	16.00	14.84
28.98	12.23	11.50
24.06	10.09	8.77
35.54	18.75	15.62
27.83	15.46	11.66
22.58	12.90	8.86
35.37	18.01	15.15
27.62	13.73	11.07
22.33	10.76	8.16

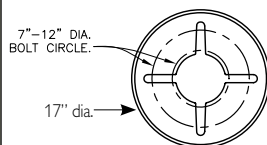
POSTS - 780, 781, 782, 783, 784, 785, 786, 787



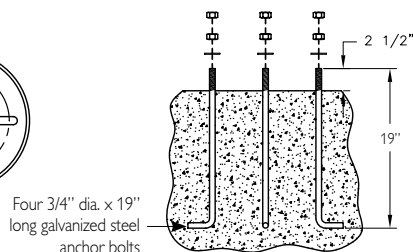
Model	780	781	782	783	784	785	786	787
Shaft Dia.	4"	4" to 5" Tap	5"	4"	5"	3" to 4" Tap	3" to 5" Tap	4" to 5" Tap
Wall Thickness	.125"	.250"	.250"	.125"	.250"	.125"	.188"	.188"
Top Dia.	4"	3"	3" or 4"	3"	3" or 4"	3"	3"	4"
Base Dia.	17"	17"	17"	17"	17"	17"	17"	17"
Bolt Circle Dia.	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"	7" - 12"

Post Specifications

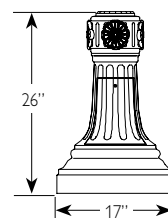
Bolt Circle Diagram



Anchor Bolt Diagram



Base Dimensions



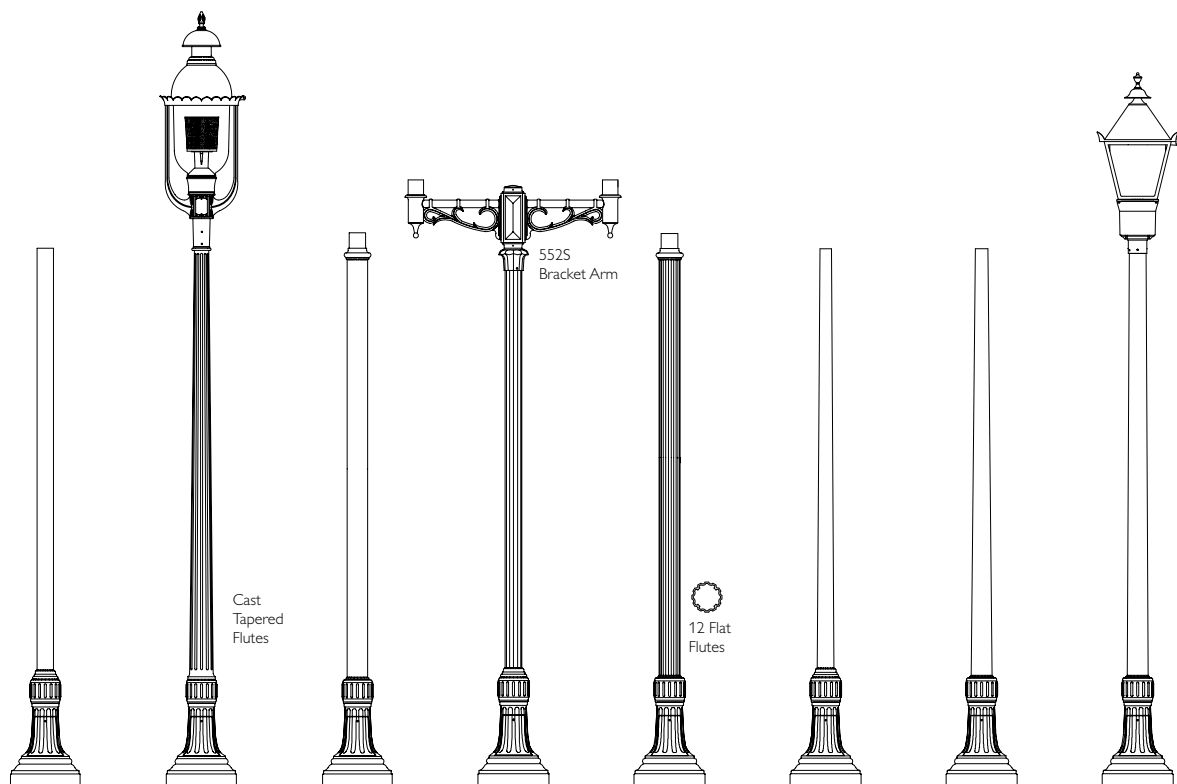
POSTS

Ordering Example: 785-14 BLK B 1

Ordering Guide				
Model	Finish	Tenon Option 3 = 3" dia. 4 = 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
780-8	ALL FINISHES AVAILABLE (see page 5)		()	()
780-10			()	()
780-12			()	()
780-14			()	()
780-16			()	()
781-10			()	()
781-12			()	()
782-12		()	()	()
782-14		()	()	()
782-16		()	()	()
782-18		()	()	()
783-8			()	()
783-10			()	()
783-12			()	()
783-14			()	()
783-16			()	()
784-12		()	()	()
784-14		()	()	()
784-16		()	()	()
784-18		()	()	()
785-8			()	()
785-10			()	()
785-12			()	()
785-14			()	()
785-16			()	()
786-12			()	()
786-14			()	()
786-16			()	()
786-18			()	()
787-12			()	()
787-14			()	()
787-16			()	()
787-18			()	()

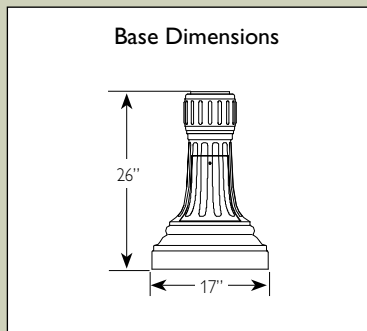
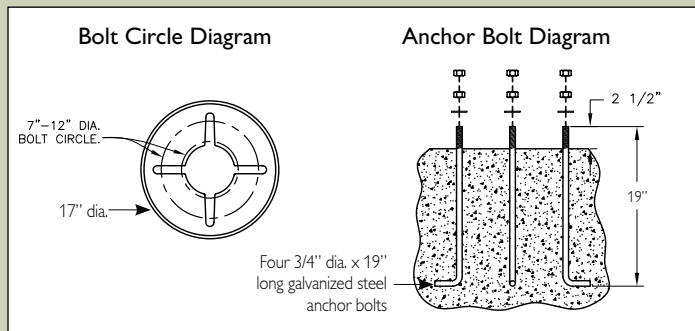
EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5
20.35	10.30
14.68	7.14
11.14	5.11
8.68	3.65
6.82	2.51
32.56	16.45
26.52	13.09
26.02	12.59
21.53	10.02
18.05	7.98
20.27	6.31
20.35	10.30
14.68	7.14
11.14	5.11
8.68	3.65
6.82	2.51
25.93	12.50
21.53	10.02
18.05	7.98
15.26	6.31
20.47	10.42
14.84	7.30
11.14	5.32
8.92	3.90
7.10	2.80
26.52	13.09
22.12	10.61
18.73	8.66
15.77	7.06
26.27	12.84
21.82	10.31
18.39	8.32
15.43	6.69

POSTS - 790, 791, 792, 793, 794, 795, 796, 797



Model	790	791	792	793	794	795	796	797
Shaft Dia.	4"	4" to 5" Tap	5"	4"	5"	3" to 4" Tap	3" to 5" Tap	4" to 5" Tap
Wall Thickness	.125"	.250"	.250"	.125"	.250"	.125"	.188"	.188"
Top Dia.	4"	3"	3" or 4"	3"	3" or 4"	3"	3"	3"
Base Dia.	17"	17"	17"	17"	17"	17"	17"	17"
Bolt Circle Dia.	7 - 12"	7 - 12"	7 - 12"	7 - 12"	7 - 12"	7 - 12"	7 - 12"	7 - 12"

Post Specifications



POSTS

Ordering Example: 791-14 BLK B 1

Ordering Guide				
Model	Finish	Tenon Option 3 = 3" dia. 4 = 4" dia.	Photoeye (optional) (B) 120V (C) 208V-277V	Outlet (optional) (1) 4" from Top of Base (2) 12" from Top of Pole
790-8	ALL FINISHES AVAILABLE (see page 5)		()	()
790-10			()	()
790-12			()	()
790-14			()	()
790-16			()	()
791-10			()	()
791-12		()	()	()
792-12		()	()	()
792-14		()	()	()
792-16		()	()	()
792-18		()	()	()
793-8			()	()
793-10			()	()
793-12			()	()
793-14			()	()
793-16			()	()
793-18			()	()
794-12		()	()	()
794-14		()	()	()
794-16		()	()	()
794-18		()	()	()
795-8			()	()
795-10			()	()
795-12			()	()
795-14			()	()
795-16			()	()
796-12			()	()
796-14			()	()
796-16			()	()
796-18			()	()
797-12			()	()
797-14			()	()
797-16			()	()
797-18			()	()

EPA Wind Load	
EPA Wind Zone 80 MPH F.S. = 1.5	EPA Wind Zone 110 MPH F.S. = 1.5
20.35	10.30
14.68	7.14
11.14	5.11
8.68	3.65
6.82	2.51
35.37	18.01
27.62	13.73
35.69	17.90
28.98	14.16
24.06	11.36
20.27	9.16
20.35	10.30
14.68	7.14
11.14	5.11
8.68	3.65
6.82	2.51
5.34	1.57
35.69	17.90
28.98	14.16
24.06	11.36
20.27	9.16
20.47	10.42
14.84	7.30
11.35	5.32
8.92	3.90
7.10	2.80
27.83	13.94
22.58	11.01
18.74	8.82
15.77	7.09
27.62	13.73
22.33	10.76
18.45	8.53
15.43	6.75

PHOTO CONTROL & BANNER ARMS



009
120V
Photo Eye



011R
208V - 277V
Photo Eye



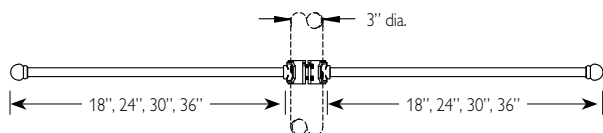
012
Outlet
Installed
Curved for 3"
post, 120V



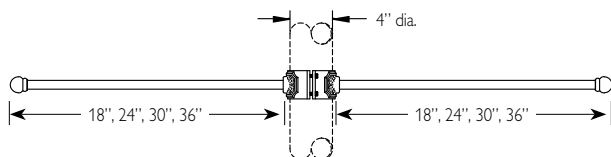
013
Outlet
Not Installed (replacement)
Curved for 3" post, 120V

Photo Control/Outlets

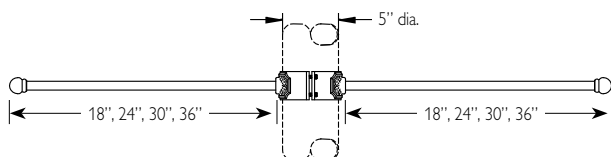
Model	Finish
009	N/A
011R	N/A
012	
013	



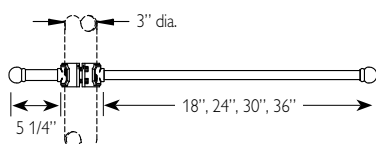
39DBL-3



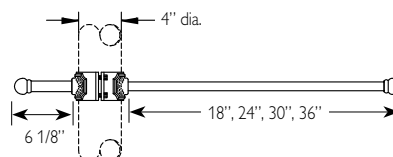
39DBL-4



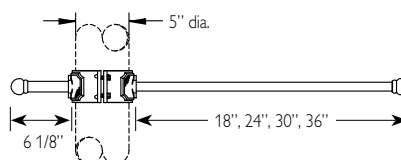
39DBL-5



39-3



39-4

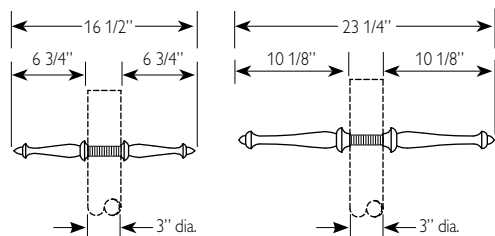


39-5

Banner Arms (clamp on)

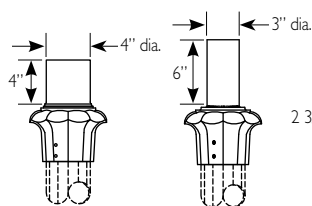
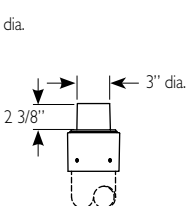
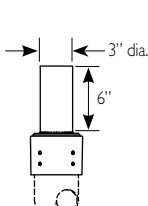
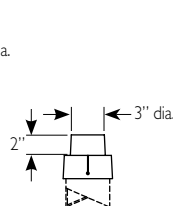
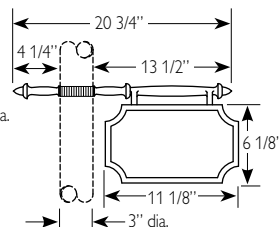
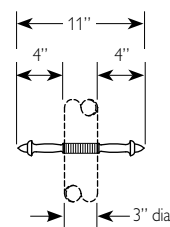
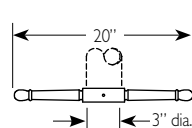
Model	Finish	Length 18" 24" 30" 36"
39-3	ALL FINISHES AVAILABLE (see page 5)	()
39DBL-3		()
39-4		()
39DBL-4		()
39-5		()
39DBL-5		()

POST TENONS & LADDER RESTS

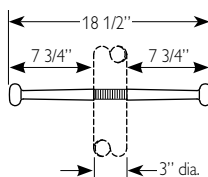


17-3

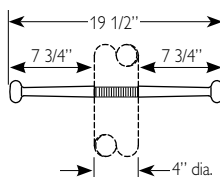
18-3

20-4
4" Fluted Pole20-EXT
4" Fluted Pole021
4" Dia. Pole21-EXT
4" Dia. Pole024
4" Sq. Pole025
3" Dia. Pole026
3" Dia. Pole

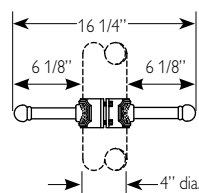
028



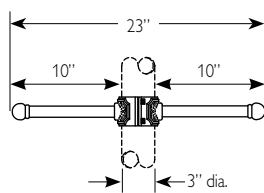
29-3



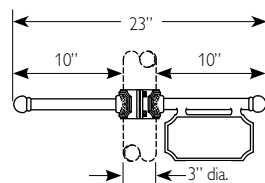
29-4



031



032



033

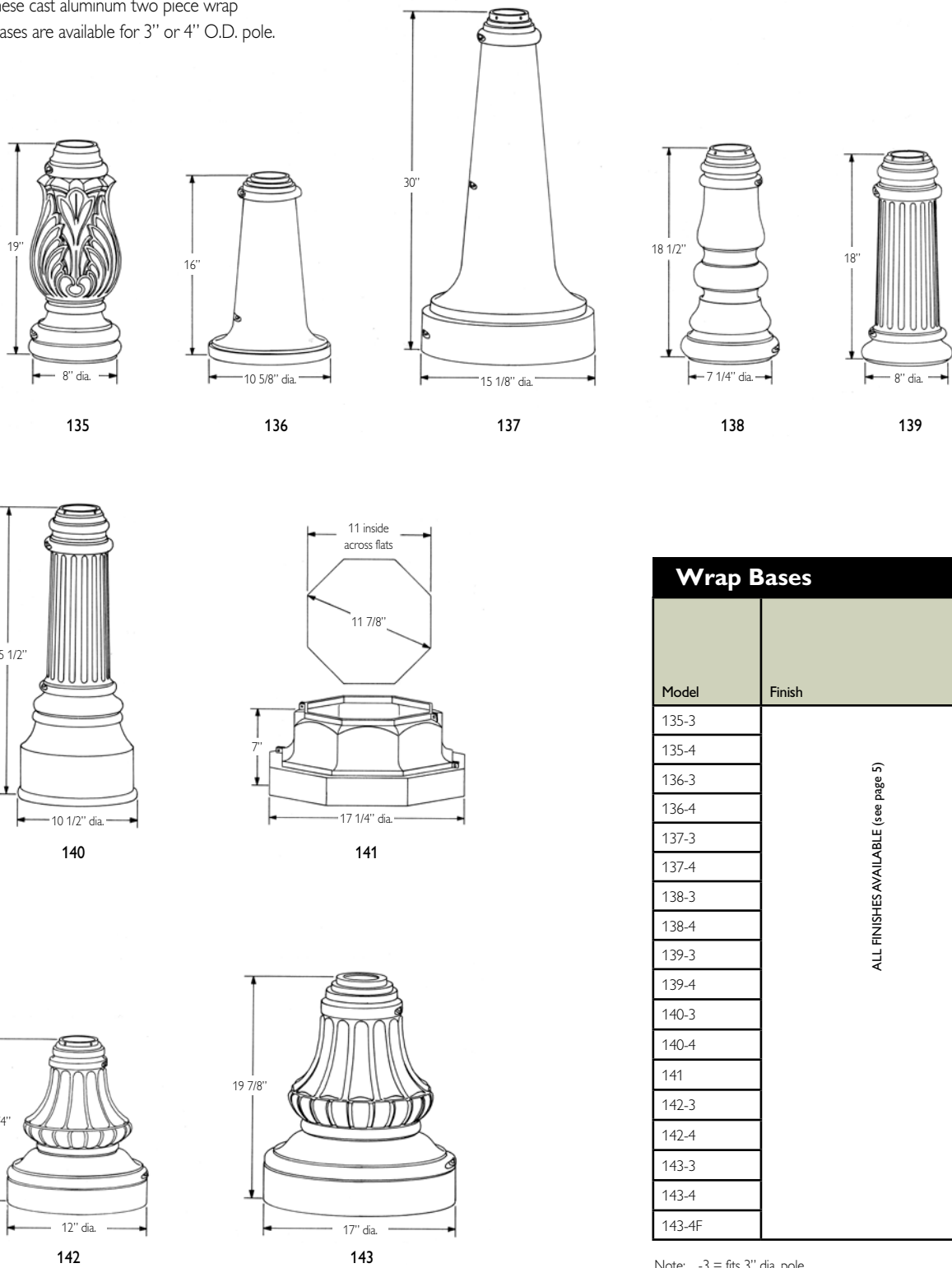
Post Tenons & Ladder Rests

Model	Finish	Description
17-3	ALL FINISHES AVAILABLE (see page 5)	Small Ladder Rest
18-3		Large Ladder Rest
*20-4		4" Tenon, Slips 4" Post
*20-EXT		3" Tenon, Slips 4" Post
021		3" Tenon, Slips 4" Post
21-EXT		3" Tenon, Slips 4" Post
024		3" Tenon, Slips 4" Square Post
025		Sign
026		Mini Ladder Rest
028		Slip-over Ladder Rest, 3" Post
29-3		Ladder Rest, 3" Post
29-4		Ladder Rest, 4" Post
031		Clamp on Ladder Rest
032		Clamp on Ladder Rest
033		Clamp on Sign

*Tenon mates only with Hanover® Lantern fluted post, round flute and flat flute.

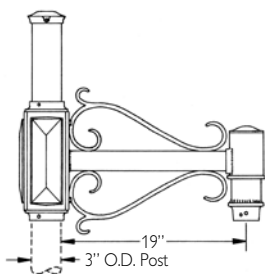
WRAP BASES

Note: These cast aluminum two piece wrap around bases are available for 3" or 4" O.D. pole.

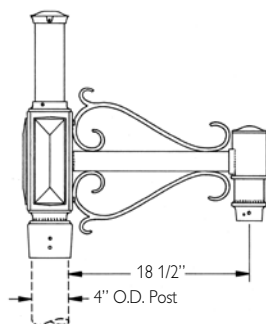


Note: -3 = fits 3" dia. pole
-4 = fits 4" dia. pole
-4F = fits 4" round fluted pole

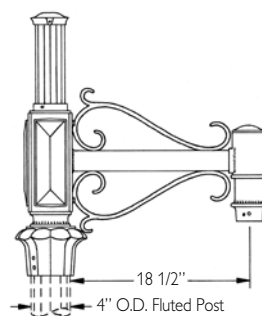
SENECA BRACKETS



261S Single
262S Two Light
264S Four Light
266S Three Light

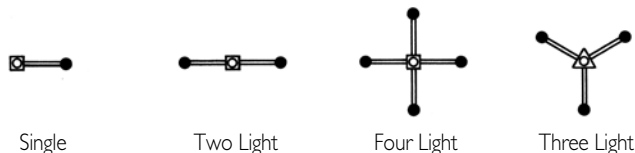


261S-4 Single
262S-4 Two Light
264S-4 Four Light
266S-4 Three Light



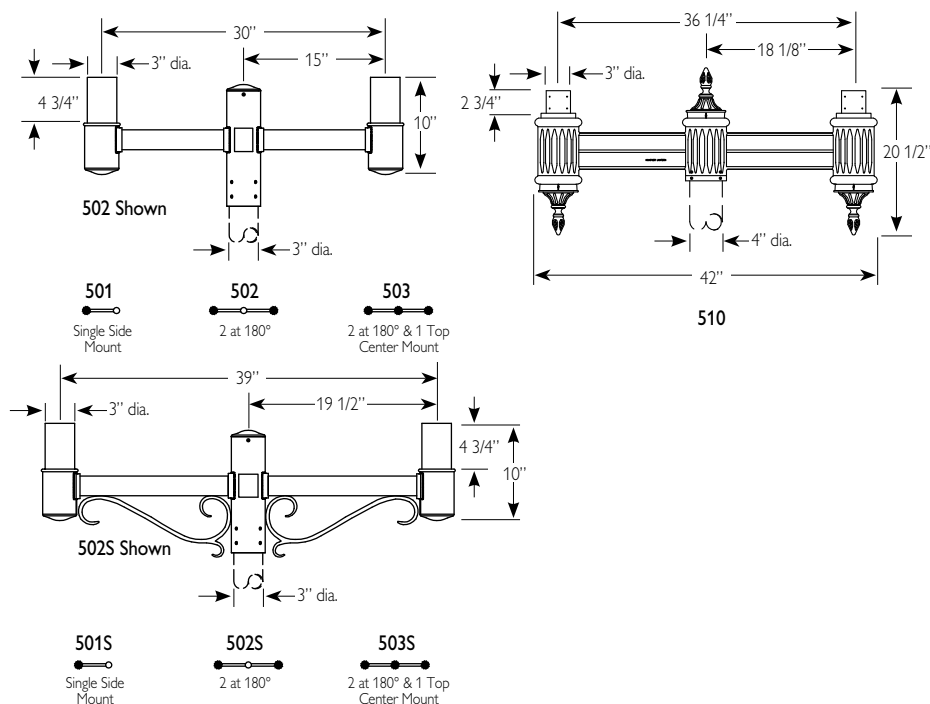
261S-4FL Single
262S-4FL Two Light
264S-4FL Four Light
266S-4FL Three Light

Post Top Bracket Mounting Configurations



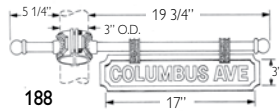
Seneca Brackets	
Model	Finish
261S	ALL FINISHES AVAILABLE (see page 5)
262S	
264S	
266S	

POST TOP ARM BRACKETS

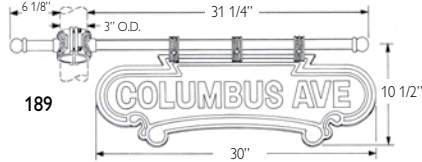


Post Top Bracket Arms	
Model	Finish
501	ALL FINISHES AVAILABLE (see page 5)
502	
503	
501S	
502S	
503S	
510	

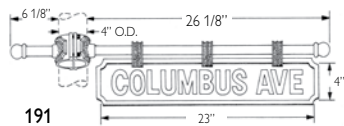
STREET SIGNS



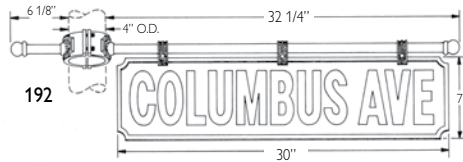
188



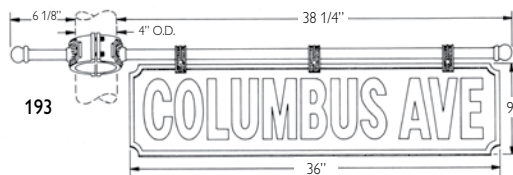
189



191



192



193

188-3 Fits 3" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters shown.

188-4 Fits 4" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters.

189-3 Fits 3" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters shown.

189-4 Fits 4" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters.

191-3 Fits 3" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters shown.

191-4 Fits 4" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters.

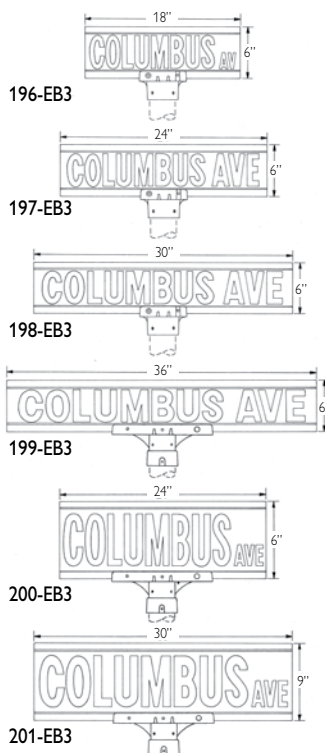
192-3 Fits 3" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters shown.

192-4 Fits 4" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters.

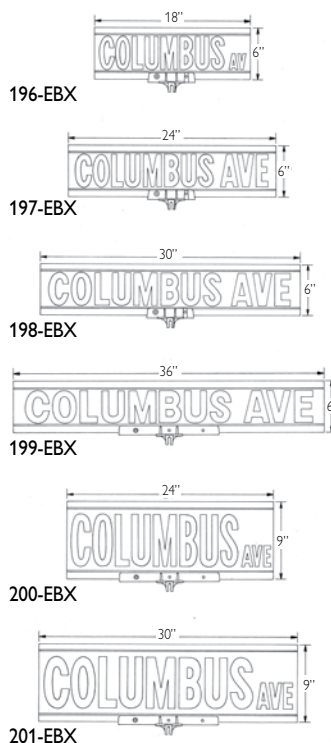
193-3 Fits 3" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters shown.

193-4 Fits 4" O.D. post. Commercial grade vinyl lettering available both sides. (color - black, white or gold) 1 1/2" high letters.

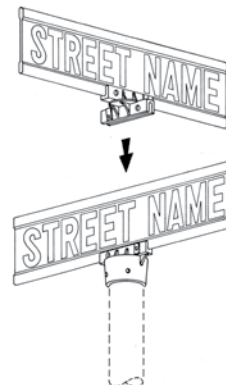
POST TOP SIGNS



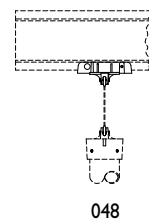
TOP SIGNS



Top Sign Must Have an EBX Code



Post Top Sign Must Have an EB3 Code



048



48-3



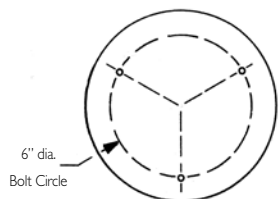
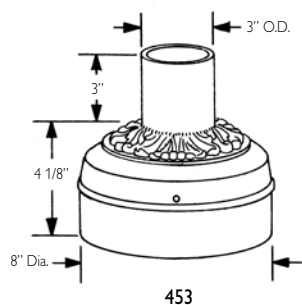
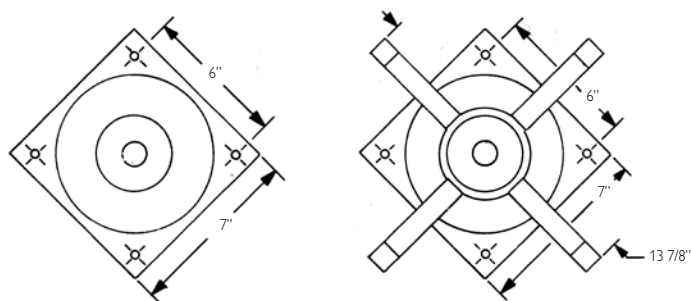
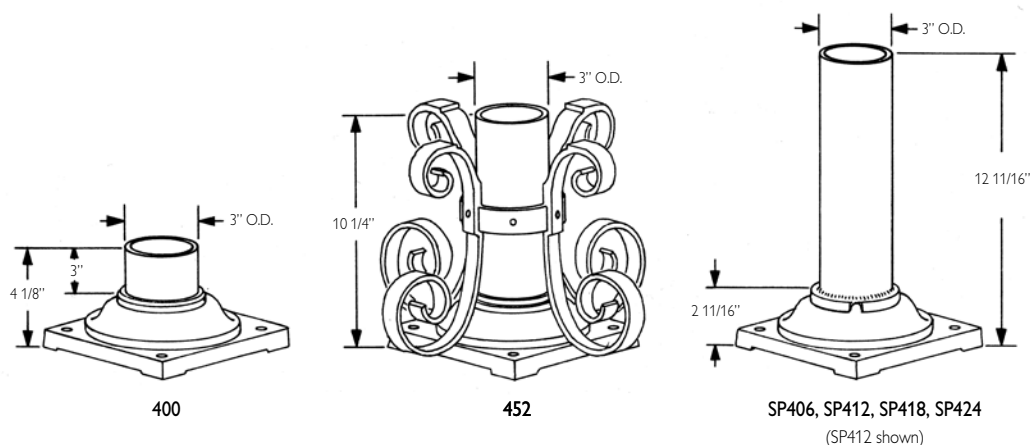
202

STREET SIGNS

Street Signs								
Model	Fitter Size (3) 3" Round (4) 4" Round (5) 5" Round	Letter Material (R) Raised (V) Vinyl	Finish	Print (A) Single Side (B) Double Sided (C) Reflective Single Side (D) Reflective Double Sided (N) None	Vinyl Lettering Style (B) Block* (C) Clarendon (S) Script* (N) None*	Letter Color (BLK) Black (GLD) Gold (WHT) White (N) None	Wording	Standard Letter Height
188	(3, 4)	V	ALL FINISHES AVAILABLE (see page 5)	()	()	()	12 spaces	1 1/2" High
188	(3, 4)	R		()	()	()	12 spaces	1 1/2" High
189	(3, 4)	V		()	()	()	17 spaces	3" High
189	(3, 4)	R		()	()	()	17 spaces	3" High
191	(3, 4)	V		()	()	()	12 spaces	3" High
191	(3, 4)	R		()	()	()	12 spaces	3" High
192	(4, 5)	V		()	()	()	12 spaces	4" High
192	(4, 5)	R		()	()	()	12 spaces	4" High
193	(4, 5)	V		()	()	()	12 spaces	6" High
193	(4, 5)	R		()	()	()	12 spaces	6" High
196	()	V		(A, B, N)	B	WHT	11 spaces	4" High
197	()	V		(A, B, N)	B	WHT	12 spaces	4" High
198	()	V		(A, B, N)	B	WHT	14 spaces	4" High
199	()	V		(A, B, N)	B	WHT	18 spaces	4" High
200	()	V		(A, B, N)	B	WHT	12 spaces	6" High
201	()	V		(A, B, N)	B	WHT	12 spaces	6" High
202	()	V		(A, B, N)	B	WHT	12 spaces	6" High
196-EB	3	V		(A, B, N)	B	WHT	10 spaces	4" High
196-EBX	N/A	V		(A, B, N)	B	WHT	10 spaces	4" High
197-EB	3	V		(A, B, N)	B	WHT	15 spaces	4" High
197-EBX	N/A	V		(A, B, N)	B	WHT	15 spaces	4" High
198-EB	3	V		(A, B, N)	B	WHT	18 spaces	4" High
198-EBX	N/A	V		(A, B, N)	B	WHT	18 spaces	4" High
199-EB	3	V		(A, B, N)	B	WHT	18 spaces	4" High
199-EBX	N/A	V		(A, B, N)	B	WHT	18 spaces	4" High
200-EB	3	V		(A, B, N)	B	WHT	12 spaces	6" High
200-EBX	N/A	V		(A, B, N)	B	WHT	12 spaces	6" High
201-EB	3	V		(A, B, N)	B	WHT	12 spaces	6" High
201-EBX	N/A	V		(A, B, N)	B	WHT	12 spaces	6" High
48-3								
048								

*Vinyl lettering style only

PIER BASES



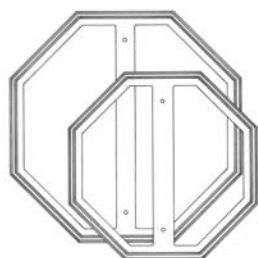
Pier Bases

Model	Finish	Description
400	ALL FINISHES AVAILABLE (see page 5)	
SP406		6" Height
SP412		12" Height
SP418		18" Height
SP424		24" Height
452		

HID Pier Bases

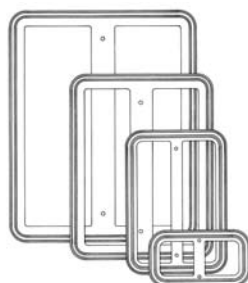
Model	Finish	Wattage / Source	Voltage (E) 120V (F) 208V (G) 240V (H) 277V
453	ALL FINISHES AVAILABLE (see page 5)	N/A	N/A
453		50H	()
453		70H	()
453		100H	()
453		150H	()
453		35S	E
453		50S	()
453		70S	()
453		100S	()
453		150S	()

ALUMINUM TRAFFIC SIGN FRAMES



207TSF
for 30" sign

206TSF
for 24" sign

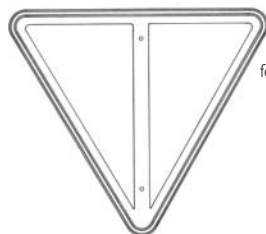


213TSF
for 24" x 30" sign

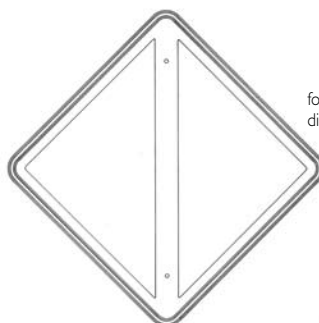
212TSF
for 18" x 24" sign

211TSF
for 12" x 18" sign

210TSF
for 6" x 12" sign



208TSF
for 30" yield sign

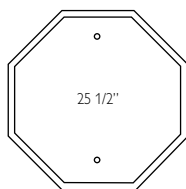


209TSF
for 30" x 30" diamond sign

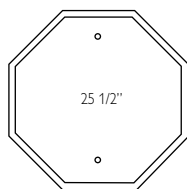
Aluminum Traffic Sign Frames

Model	Finish
206TSF	ALL FINISHES AVAILABLE (see page 5)
207TSF	
208TSF	
209TSF	
210TSF	
211TSF	
212TSF	
213TSF	
232	
232-3	
232-4	
232-4FL	
233	
233-3	
233-4	
233-4FL	

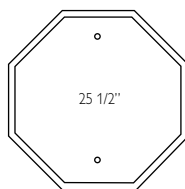
Note: -3 = fits 3" dia. pole
 -4 = fits 4" dia. pole
 -4F = fits 4" round fluted pole



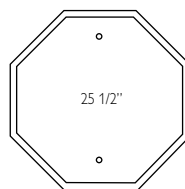
232



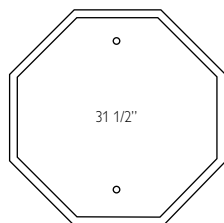
232-3



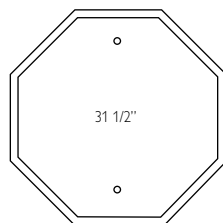
232-4



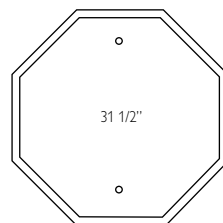
232-4FL



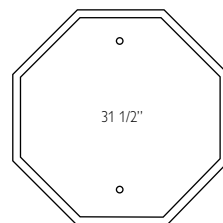
233



233-3

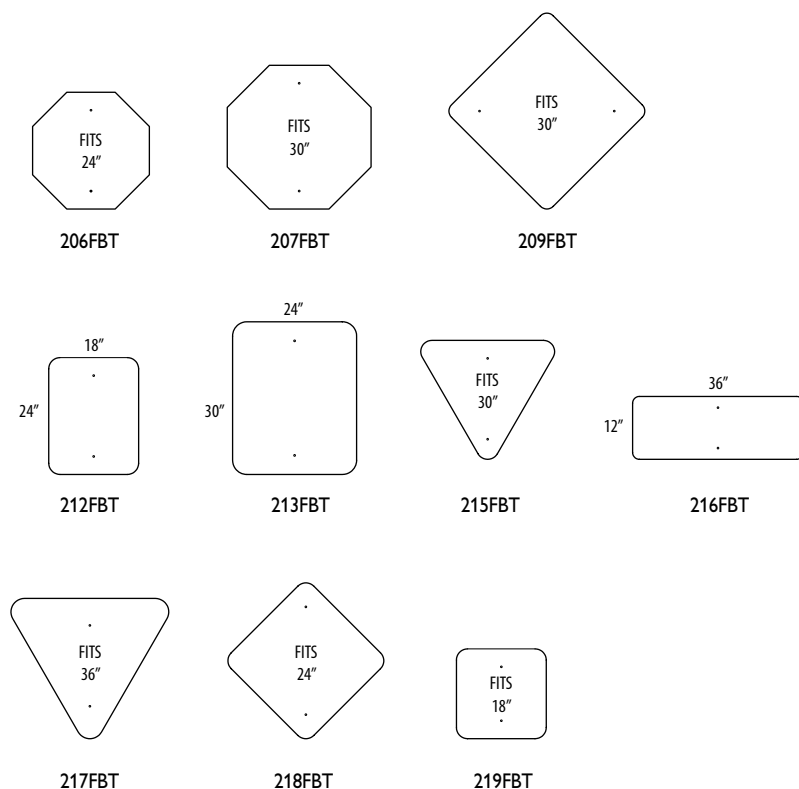


233-4



233-4FL

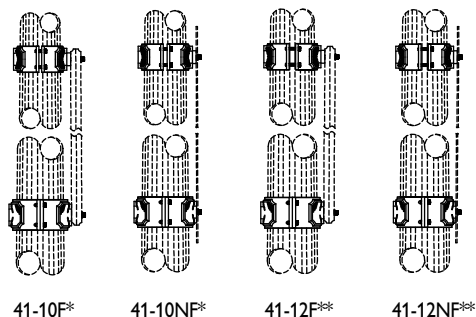
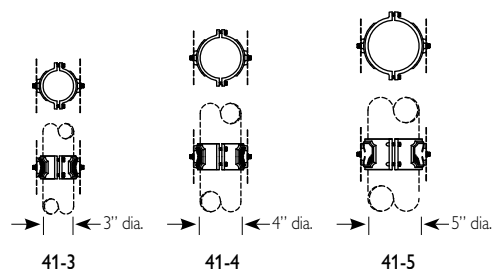
FLAT ALUMINUM SIGN BACKS



Flat Aluminum Sign Backs

Model	Finish
206FBT	ALL FINISHES AVAILABLE (see page 5)
207FBT	
209FBT	
212FBT	
213FBT	
215FBT	
216FBT	
217FBT	
218FBT	
219FBT	

Note: Painted backs have a 1" reveal on all sides for any finish.



*For use with 305-10 pole

**For use with 305-12 pole

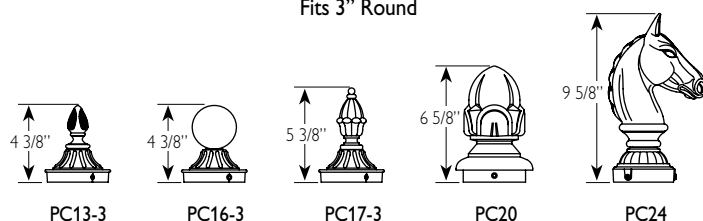
Aluminum Traffic Sign Clamps

Model	Finish
41-3	ALL FINISHES AVAILABLE (see page 5)
41-4	
41-5	
41-10F	
41-10NF	
41-12F	
41-12NF	

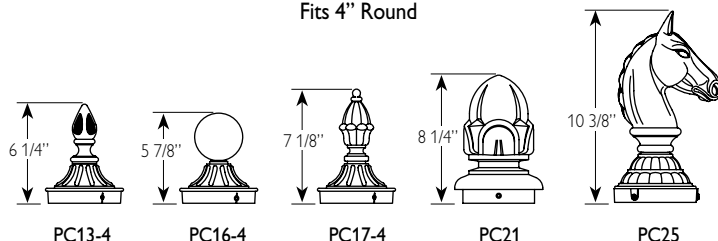
Note: -3 = fits 3" dia. pole
 -4 = fits 4" dia. pole
 -5 = fits 5" dia. pole

POST CAPS

Fits 3" Round



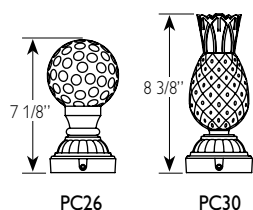
Fits 4" Round



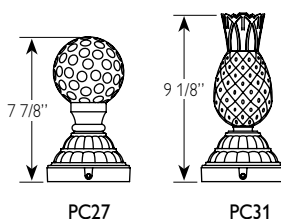
Post Caps - Round

Model	Finish
PC13-3	ALL FINISHES AVAILABLE (see page 5)
PC13-4	
PC16-3	
PC16-4	
PC17-3	
PC17-4	
PC20	
PC21	
PC24	
PC25	

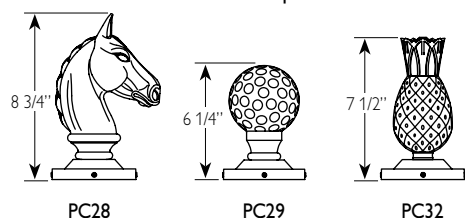
Fits 3" Round



Fits 4" Round



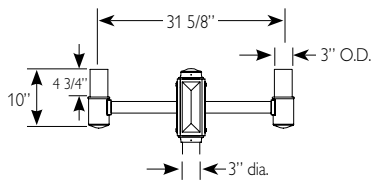
Fits 4" Square



Post Caps - Round/Square

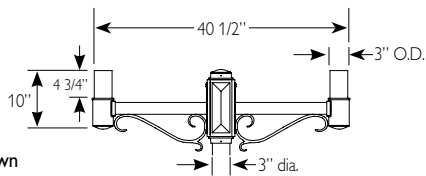
Model	Finish
PC26	ALL FINISHES AVAILABLE (see page 5)
PC27	
PC28	
PC29	
PC30	
PC31	
PC32	

POST TOP BRACKET ARMS



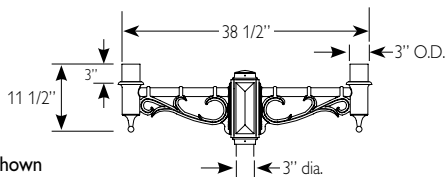
542 Shown

541	542	543	544	545	546	547
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount



542S Shown

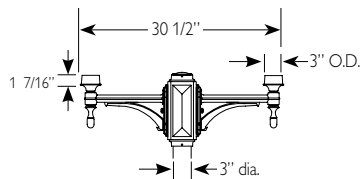
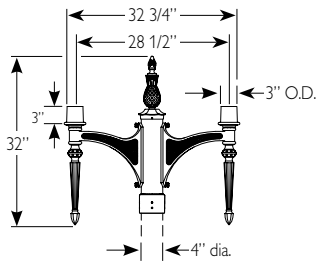
541S	542S	543S	544S	545S	546S	547S
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount



552S Shown

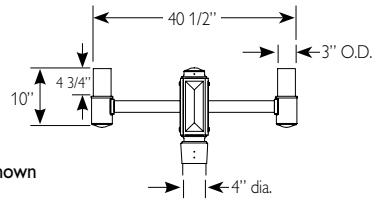
551S	552S	553S	554S	555S	556S	557S
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount

560



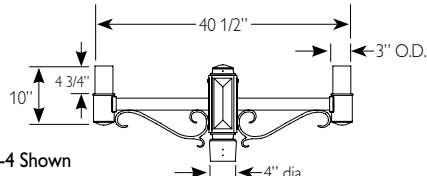
572 Shown

571	572	573	574	575	576	577
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount



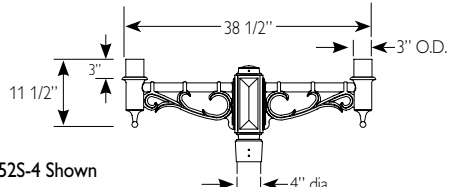
542-4 Shown

541-4	542-4	543-4	544-4	545-4	546-4	547-4
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount



542S-4 Shown

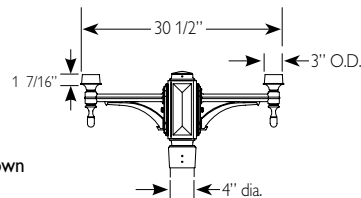
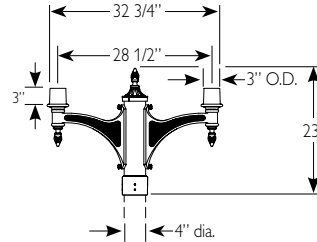
541S-4	542S-4	543S-4	544S-4	545S-4	546S-4	547S-4
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount



552S-4 Shown

551S-4	552S-4	553S-4	554S-4	555S-4	556S-4	557S-4
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount

562



572-4 Shown

571-4	572-4	573-4	574-4	575-4	576-4	577-4
single side mount	2 at 180°	2 at 180° and 1 top center mount	4 at 90°	4 at 90° and 1 top center mount	3 at 120°	3 at 120° and 1 top center mount

POST TOP BRACKET ARMS

Post Top Bracket Arms	
Model	Finish
541	ALL FINISHES AVAILABLE (see page 5)
542	
543	
544	
545	
546	
547	
541-4	
542-4	
543-4	
544-4	
545-4	
546-4	
547-4	
541S	
542S	
543S	
544S	
545S	
546S	
547S	
541S4	
542S4	
543S4	
544S4	
545S4	
546S4	
547S4	

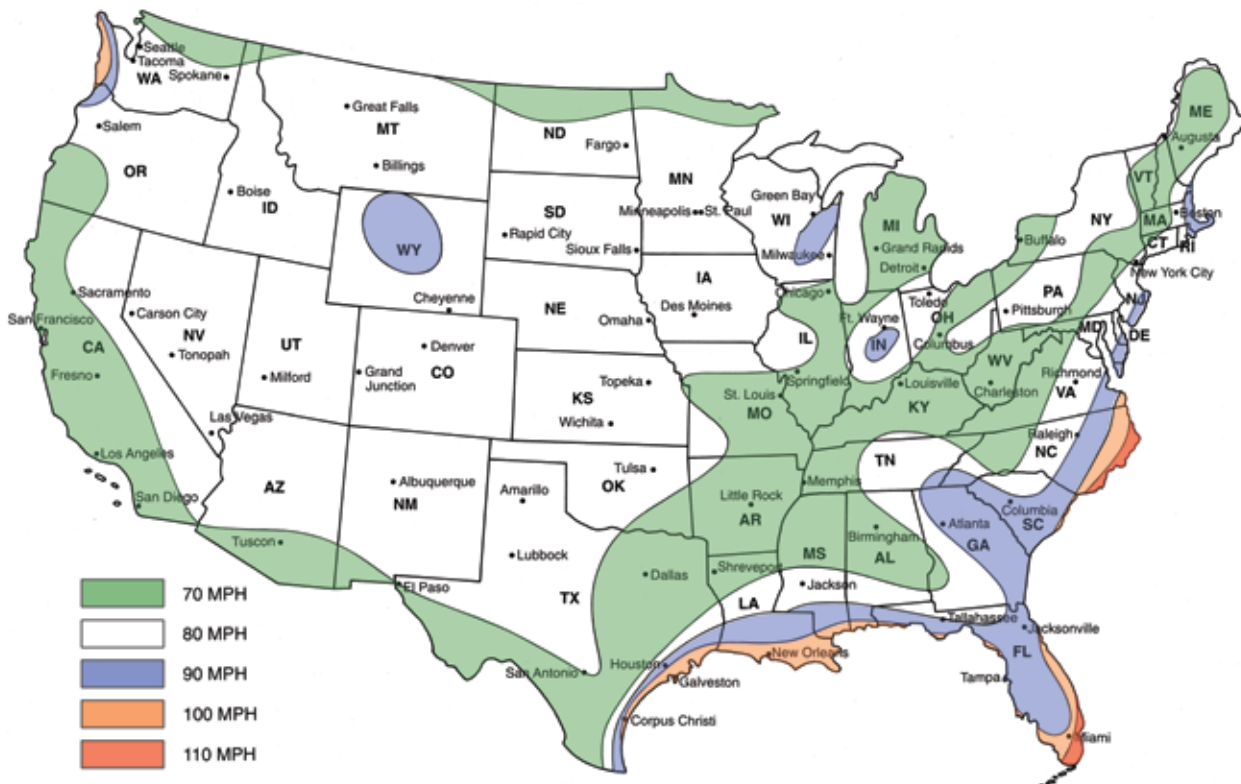
Note: -4 = fits 4" dia. pole
 S = fitter w/scroll
 S4 = fitter w/scroll, fits 4" dia. pole

Post Top Bracket Arms	
Model	Finish
551S	ALL FINISHES AVAILABLE (see page 5)
552S	
553S	
554S	
555S	
551S-4	
552S-4	
553S-4	
554S-4	
555S-4	
560	
562	
563S	
564S	
563S-4	
564S-4	
571	
572	
573	
574	
575	
576	
577	
571-4	
572-4	
573-4	
574-4	
575-4	
576-4	
577-4	

NATIONAL WIND VELOCITY MAP

State or Federal Lighting Projects may require decorative poles to meet specifications established by the American Association of Street and Highway Traffic Officials (AASHTO).

Decorative poles are designed to meet the industry accepted wind loading design practices for decorative street lighting standards. Poles are designed for post top mounted luminaries.



Decorative Pole Windloading

The Effective Projected Area of EPA is a wind resistance rating given for fixtures, brackets, and accessories. The total of all accessory EPA ratings must not exceed the pole capacity EPA for the wind zone where it is installed.

There may be more than one wind velocity in any geographical area, such as the greater Tampa, Florida area which has three different wind zones. Lighting poles must also be selected that can withstand the additional stresses caused by weight. Please check local ordinances/building codes for up-to-date requirements.

Pole Banner Loading

The largest EPA addition to any pole will be from single or double rectangular shaped decorative banners and street signs. The surface area exposed to the wind creates a high EPA value when compared to fixtures and arm brackets and a larger pole diameter or thicker wall may be required. Always contact the factory whenever banners are used.

Philips Hanover Lantern poles are designed to meet industry accepted wind-loading practices for decorative street lighting standards. State or Federal lighting projects may require decorative poles to meet specifications established by the American Association of Street and Highway Traffic Officials (AASHTO). Consult the factory for separate EPA capacities according to AASHTO recommendations.

[illegible]



The Total Philips System

By leveraging the global strength of Philips, we believe Philips Hanover Lantern can offer the most vertically integrated product from conception to final assembly including LEDs, platform designs, electronic drivers, lamps, and controls.

It is with this One-Philips philosophy that we can ensure our customers will receive the world class products and quality expected, and that these products will outlive those of our competitors.

And, we know you will not find another global company such as Philips with over a century of experience in producing quality lighting products to give you confidence in our designs.



©2004-2011 Koninklijke Philips Electronics N.V. All rights reserved.

Certain products illustrated in this catalog may be protected by applicable patents and patent pending. Philips Hanover Lantern will aggressively defend all of its intellectual property. We reserve the right to change details of design, materials and finishes in any way that will not alter installed appearance or reduce function and performance.

Philips Hanover Lantern
100 Craftway Drive
Littlestown, PA 17340
Phone: 800-233-7196
Fax: 800-632-4795

www.hanoverlantern.com

PL-1095-1107-5K

Printed in U.S.A.

PHILIPS
Hanover
LANTERN