

Model Specified (Per Specification Worksheet Below)

Quantity: _____
Job Name: _____
Job Location - City/State: _____

Notes:

Type: _____

Date: _____

SPECIFICATIONS

Pole – Stress rated laminated Alaskan yellow cedar bonded with durable moisture-resistant adhesives in conformance with ANSI A190.1 Standard for Wood Products – Structural Glued Laminated Timber under American Institute of Timber Construction (AITC).

Section Size & Length – Available section sizes: 5" x 5-1/2", 6-3/4" x 6-3/4", and 8-1/2" x 8-1/4". Lengths are available in 2' increments through 40' depending on section size and design criteria (up to 30' fixture mounting height).

Center Wire Raceway – Poles possess a 1" x 1" center wire raceway.

Pole Top Options – Specify MC tenon tops available with 2-3/8" or 3" O.D. cylinders for top mount applications. Specify PC protective caps for side mount applications. Pilot holes and through bolt holes can be supplied pre-drilled with submitted template.

Foundation Installation – Specify BP base plates for foundation installation. AC cover skirts and fasteners are included. Base plates and cover skirts are laser cut steel powder coated flat black. Anchor bolts are supplied by others (see diagrams below for anchor bolt specification).

Direct Embedment Installation – Refer to species durability testing data and installation suggestions and embedment recommendation tables at www.EroVista.net.

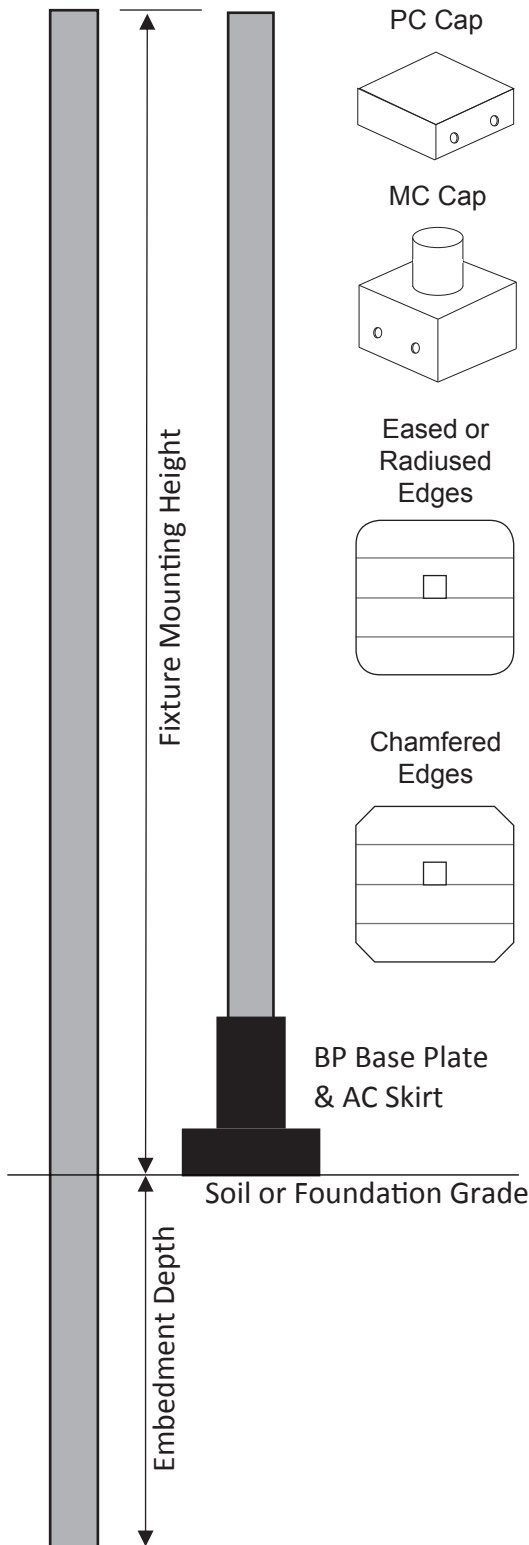
Surface Texture – Specify smooth or rough sawn texture.

Fabrication Styles – Specify eased, radiused or chamfered edge options.

Factory Staining – Poles can be factory stained with Sherwin-Williams® SuperDeck® semi-transparent stains, or can be painted or stained in the field to achieved desired color.

Packaging – Poles are job lot paper wrapped or can be individually paper wrapped.

Design Criteria – Reference selection tables and embedment depth recommendation tables at www.EroVista.net.



Weight Per Lineal Foot		
5 x 5-1/2"	6 lbs.	
6-3/4" x 6-3/4"	10 lbs.	
8-1/2" x 8-1/4"	16 lbs.	

EroVista Commercial Series Specification Logic

Product	Section Size	Length	Texture	Fabrication	Stain Option	Top Cap	Base Plate	Paper Wrap
C	55	16	S	E	X	MC55.2	BP55	J
EroVista Commercial Series	55 = 5" x 5-1/2" 66 = 6-3/4" x 6-3/4" 88 = 8-1/2" x 8-1/4"	Overall length	S = Smooth ¹ R = Rough	E = 1/8" eased edges ¹ H = 1/2" Radiused edges C = 1" Chamfered edges P = 1" Partial Chamfered	X = No stain ¹ SW ____ ⁴	PC55 ² PC66 ² PC88 ² MC55.2 or .3 ³ MC66.2 or .3 ³ MC88.2 or .3 ³	N = None BP55 ⁵ BP66 ⁵ BP88 ⁵	J = Job lot ¹ I = Individual

¹ Standard price. Additional pricing applies to other options.

² Metal protective cap

³ Metal tenon top mounts – indicate a .2 for a 2-3/8" tenon or .3 for a 3" tenon

⁴ SW ____ Indicates Sherwin-Williams® SuperDeck® semi-transparent stain color

⁵ AC skirts are included with base plates to conceal anchor bolts

The above commercial light standard specification indicates C-55-16-S-E-X-MC55.2-BP55-J

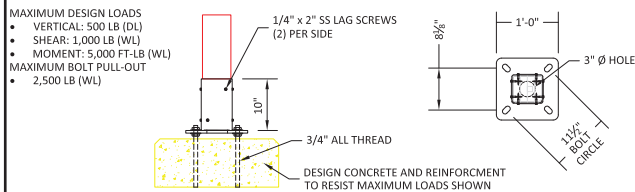
(Commercial-5"x5-1/2"x16'-smooth texture - eased edges - no stain - 2-3/8" tenon cap – individually paper wrapped)

EroVista Specification Worksheet

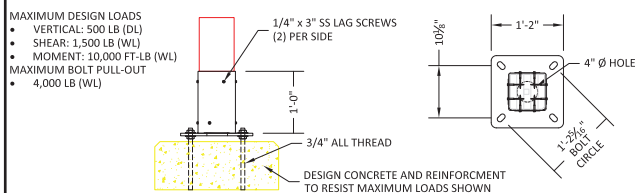
Product	Section Size	Length	Texture	Fabrication	Stain Option	Top Cap	Base Plate	Paper Wrap
C								

EroVista Column Boot Installation Details

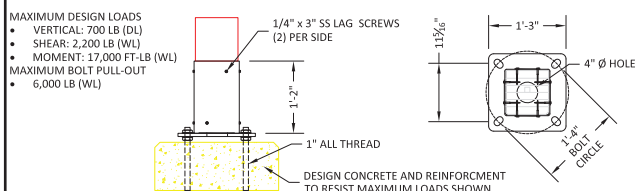
EroVista BP55: 5" x 5-1/2" COLUMN BOOT



EroVista BP66: 6-3/4" x 6-3/4" COLUMN BOOT



EroVista BP88: 8-1/2" x 8-1/4" COLUMN BOOT

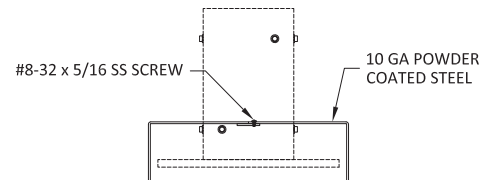
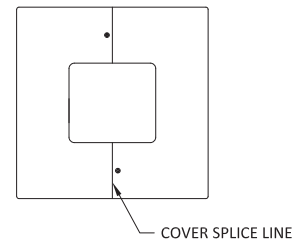


EroVista Column Boot Covers

AC55 - 5" x 5-1/2" COLUMN SKIRT

AC66 - 6-3/4" x 6-3/4" COLUMN SKIRT

AC88 - 8-1/2" x 8-1/4" COLUMN SKIRT



Maximum EPA Table - Top Mount Fixture / Base Mount							
EroVista Column Section Size	Column Height Above Base (ft)	Maximum Fixture EPA (ft ²)					
		Design Wind Speed - AASHTO LTS-6 (ASCE 7-05) (mph)					
		90	100	120	130	140	150
		Ultimate Wind Speed - IBC 2015 (ASCE 7-10) (mph)					
		116	129	154	167	180	193
5" x 5-1/2"	8	20.87	16.47	10.74	8.81	7.28	6.05
	10	15.51	12.02	7.47	5.94	4.73	3.75
	12	11.69	8.82	5.07	3.81	2.82	2.01
	14	8.75	6.33	3.17	2.11	1.26	
	16	6.10	4.07	1.43			
	18	3.87	2.16				
	20	1.94					
6-3/4" x 6-3/4"	8	49.53	39.55	26.56	22.18	18.72	15.92
	10	38.07	30.12	19.78	16.30	13.54	11.31
	12	30.11	23.54	14.98	12.09	9.81	7.97
	14	24.15	18.57	11.29	8.85	6.91	5.34
	16	18.84	14.13	7.98	5.91	4.27	2.95
	18	14.51	10.47	5.22	3.45	2.05	0.92
	20	10.86	7.38	2.84	1.31		
	22	7.70	4.68				
	24	5.04	2.38				
	26	2.48					
8-1/2" x 8-1/4"	8	97.18	77.95	52.90	44.47	37.79	32.40
	10	75.67	60.33	40.36	33.64	28.31	24.01
	12	60.91	48.18	31.61	26.03	21.62	18.05
	14	50.00	39.15	25.03	20.28	16.51	13.47
	16	40.36	31.15	19.16	15.13	11.93	9.35
	18	32.59	24.67	14.36	10.89	8.14	5.91
	20	26.14	19.25	10.28	7.26	4.87	2.94
	22	20.39	14.40	6.60	3.98	1.90	
	24	15.71	10.43	3.54	1.22		
	26	11.31	6.67				
	28	7.59	3.46				
	30	3.98					

Notes:
1. Columns are glu-laminated Alaskan Yellow Cedar manufactured in accordance with ANSI A190.1.
2. Maximum column moisture content of 19% assumed.
3. Column height is the total column height from the top of pedestal base.
4. Maximum pedestal base height of 24" above grade.
5. Total weight of top mounted fixtures assumed to be less than 50 lb.
6. Wind design is based on an Importance Factor of 1.0, Gust Response Factor of 1.14, Wind Exposure C, and Drag Coefficients per AASHTO LTS-6
7. Maximum column deflection less than 10% of column height.

Maximum EPA Table - Top Mount Fixture / Direct Embed							
EroVista Column Section Size	Column Height Above Base (ft)	Maximum Fixture EPA (ft ²)					
		Design Wind Speed - AASHTO LTS-6 (ASCE 7-05) (mph)					
		90	100	120	130	140	150
		Ultimate Wind Speed - IBC 2015 (ASCE 7-10) (mph)					
		116	129	154	167	180	193
5" x 5-1/2"	8	16.20	12.69	8.11	6.57	5.35	4.37
	10	11.78	9.00	5.38	4.16	3.19	2.41
	12	8.60	6.31	3.33	2.33	1.54	
	14	6.11	4.19	1.68			
	16	4.05	2.41	0.27			
	18	2.09					
6-3/4" x 6-3/4"	8	38.99	31.01	20.63	17.13	14.36	12.12
	10	29.65	23.31	15.04	12.26	10.06	8.28
	12	23.11	17.87	11.04	8.74	6.92	5.45
	14	18.16	13.72	7.93	5.98	4.43	3.19
	16	14.20	10.36	5.37	3.69	2.36	1.28
	18	10.48	7.21	2.95	1.52		
	20	7.30	4.50				
	22	4.53	2.11				
	24	2.05					
8-1/2" x 8-1/4"	8	76.90	61.52	41.49	34.75	29.41	25.10
	10	59.47	47.21	31.24	25.87	21.61	18.17
	12	47.43	37.26	24.03	19.57	16.04	13.19
	14	38.46	29.81	18.54	14.75	11.75	9.32
	16	31.40	23.90	14.13	10.84	8.23	6.13
	18	24.82	18.38	10.00	7.16	4.92	3.11
	20	19.27	13.69	6.42	3.98	2.04	
	22	14.32	9.49	3.20	1.08		
	24	10.03	5.82				
	26	6.41	2.70				
	28	2.94					

Notes:
1. Columns are glu-laminated Alaskan Yellow Cedar manufactured in accordance with ANSI A190.1.
2. Design values reduced for wet use conditions.
3. Column height is the total column height above grade. Add embedment depth for total column length.
4. Total weight of top mounted fixtures assumed to be less than 50 lb.
5. Wind design is based on an Importance Factor of 1.0, Gust Response Factor of 1.14, Wind Exposure C and Drag Coefficients per AASHTO LTS-6
6. Maximum column deflection less than 10% of column height.

Maximum EPA Table - Side Mount Fixture / Base Mount							
EroVista Column Section Size	Column Height Above Base (ft)	Maximum Fixture EPA (ft ²)					
		Design Wind Speed - AASHTO LTS-6 (ASCE 7-05) (mph)					
		90	100	120	130	140	150
		Ultimate Wind Speed - IBC 2015 (ASCE 7-10) (mph)					
		116	129	154	167	180	193
5" x 5-1/2"	8	7.39	5.97	4.13	3.50	3.01	2.62
	10	7.39	5.97	4.13	3.50	3.01	2.62
	12	7.39	5.97	4.13	3.07	2.10	1.31
	14	7.39	5.49	2.42	1.39		
	16	5.25	3.28				
	18	3.06	1.40				
	20	1.16					
6-3/4" x 6-3/4"	8	16.04	12.98	8.99	7.65	6.59	5.73
	10	16.04	12.98	8.99	7.65	6.59	5.73
	12	16.04	12.98	8.99	7.65	6.59	5.73
	14	16.04	12.98	8.99	7.65	6.21	4.67
	16	15.68	12.68	7.26	5.22	3.60	2.29
	18	13.70	9.71	4.52	2.78	1.39	
	20	10.10	6.64	2.16			
	22	6.95	3.96				
	24	4.31	1.68				
	26	1.76					
8-1/2" x 8-1/4"	8	30.57	24.75	17.17	14.62	12.59	10.96
	10	30.57	24.75	17.17	14.62	12.59	10.96
	12	30.57	24.75	17.17	14.62	12.59	10.96
	14	30.57	24.75	17.17	14.62	12.59	10.96
	16	29.88	24.19	16.78	14.28	11.26	8.70
	18	29.20	23.64	13.66	10.21	7.48	5.27
	20	25.36	18.52	9.60	6.60	4.23	2.31
	22	19.63	13.69	5.94	3.33	1.27	
	24	14.98	9.73	2.88			
	26	10.59	5.98				
	28	6.90	2.79				
	30	3.29					

Notes:
1. Columns are glu-laminated Alaskan Yellow Cedar manufactured in accordance with ANSI A190.1.
2. Maximum column moisture content of 19% assumed.
3. Column height is the total column height from the top of pedestal base.
4. Maximum pedestal base height of 24" above grade.
5. Total weight of top mounted fixtures assumed to be less than 50 lb.
6. Maximum offset of 24" assumed for side mounted fixtures.
7. Maximum Fixture EPA shown is for the total of all side mounted fixtures (1 to 4 fixtures).
8. Wind design is based on an Importance Factor of 1.0, Gust Response Factor of 1.14, Wind Exposure C, and Drag Coefficients per AASHTO LTS-6
9. Maximum column deflection less than 10% of column height.

Maximum EPA Table - Side Mount Fixture / Direct Embedment							
EroVista Column Section Size	Column Height Above Base (ft)	Maximum Fixture EPA (ft ²)					
		Design Wind Speed - AASHTO LTS-6 (ASCE 7-05) (mph)					
		90	100	120	130	140	150
		Ultimate Wind Speed - IBC 2015 (ASCE 7-10) (mph)					
		116	129	154	167	180	193
5" x 5-1/2"	8	6.46	5.22	3.60	3.06	2.63	2.28
	10	6.46	5.22	3.60	3.06	2.44	1.68
	12	6.46	5.22	2.55	1.58		
	14	5.21	3.35				
	16	3.19	1.61				
	18	1.27					
6-3/4" x 6-3/4"	8	14.03	11.35	7.86	6.69	5.76	5.01
	10	14.03	11.35	7.86	6.69	5.76	5.01
	12	14.03	11.35	7.86	6.69	5.76	4.75
	14	14.03	11.35	7.18	5.26	3.74	2.51
	16	13.34	9.56	4.64	2.99	1.68	
	18	9.66	6.44	2.25			
	20	6.52	3.76				
	22	3.77	1.39				
	24	1.31					
8-1/2" x 8-1/4"	8	26.74	21.65	15.01	12.78	11.01	9.58
	10	26.74	21.65	15.01	12.78	11.01	9.58
	12	26.74	21.65	15.01	12.78	11.01	9.58
	14	26.74	21.65	15.01	12.78	11.01	8.64
	16	26.74	21.65	13.41	10.14	7.56	5.47
	18	24.00	17.61	9.28	6.48	4.26	2.47
	20	18.48	12.95	5.74	3.31	1.39	
	22	13.57	8.77	2.53			
	24	9.29	5.12				
	26	5.69	2.01				
	28	2.23					

Notes:
1. Columns are glu-laminated Alaskan Yellow Cedar manufactured in accordance with ANSI A190.1.
2. Design values reduced for wet use conditions.
3. Column height is the total column height above grade. Add embedment depth for total column length.
4. Total weight of top mounted fixtures assumed to be less than 50 lb.
5. Maximum offset of 24" assumed for side mounted fixtures.
6. Maximum Fixture EPA shown is for the total of all side mounted fixtures (1 to 4 fixtures).
7. Wind design is based on an Importance Factor of 1.0, Gust Response Factor of 1.14, Wind Exposure C, and Drag Coefficients per AASHTO LTS-6
8. Maximum column deflection less than 10% of column height.

Minimum Embedment Depth (ft)								
Maximum Fixture EPA (ft)	Soil Type	Column Height Above Ground (ft)	Design Wind Speed - AASHTO LTS-6 (ASCE 7-05) (mph)					
			90	100	120	130	140	150
			Ultimate Wind Speed - IBC 2015 (ASCE 7-10) (mph)					
			116	129	154	167	180	193
2	Gravel Soils	15	3.5	4.0	4.5	4.5	5.0	5.0
		20	4.0	4.5	5.0	5.5	5.5	6.0
		24	4.5	5.0	5.5	6.0	6.5	6.5
		30	5.5	5.5	6.5	7.0	7.0	7.5
	Sandy Soils	15	4.0	4.0	4.5	5.0	5.0	5.5
		20	4.5	5.0	5.5	6.0	6.0	6.5
		24	5.0	5.5	6.0	6.5	7.0	7.0
		30	6.0	6.0	7.0	7.5	8.0	8.5
4	Gravel Soils	15	3.5	4.0	4.5	5.0	5.0	5.5
		20	4.5	4.5	5.5	5.5	6.0	6.0
		24	5.0	5.0	6.0	6.0	6.5	7.0
		30	5.5	6.0	6.5	7.0	7.5	8.0
	Sandy Soils	15	4.0	4.5	5.0	5.0	5.5	6.0
		20	4.5	5.0	5.5	6.0	6.5	6.5
		24	5.0	5.5	6.5	7.0	7.0	7.5
		30	6.0	6.5	7.5	7.5	8.0	8.5
8	Gravel Soils	15	4.0	4.5	5.0	5.0	5.5	6.0
		20	4.5	5.0	5.5	6.0	6.5	6.5
		24	5.0	5.5	6.5	6.5	7.0	7.5
		30	6.0	6.0	7.0	7.5	8.0	8.5
	Sandy Soils	15	4.5	4.5	5.5	5.5	6.0	6.5
		20	5.0	5.5	6.0	6.5	7.0	7.5
		24	5.5	6.0	7.0	7.0	7.5	8.0
		30	6.5	7.0	7.5	8.0	8.5	9.0

Notes:

- Direct embedment depth based on the following soil properties:
 - Gravel Soils (GW, GP): $\phi = 34^\circ$, $\gamma = 130 \text{ lb/ft}^3$, $c = 0 \text{ lb/ft}^2$
 - Sandy Soils (SW, SP, SM, SC, GM, GC): $\phi = 30^\circ$, $\gamma = 120 \text{ lb/ft}^3$, $c = 0 \text{ lb/ft}^2$
- Column height is the total column height from the top of grade. Add embedment depth for total column length.
- Wind design is based on an Importance Factor of 1.0, Gust Response Factor of 1.14, Wind Exposure C, and Drag Coefficients per AASHTO LTS-6.
- Embedment depth based on column being encased in 24" diameter pier foundation below grade.