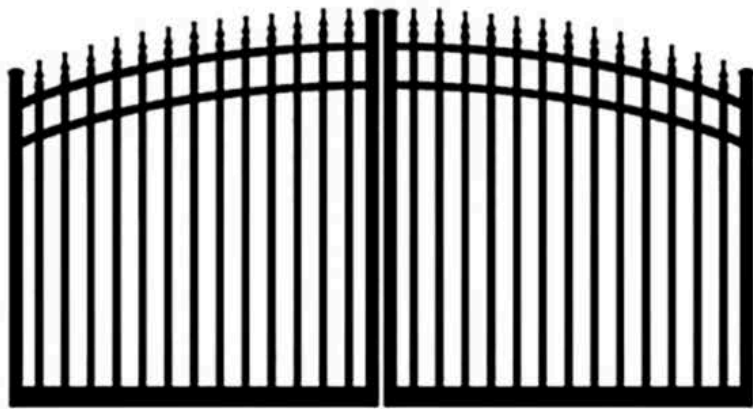


Site Finishes		
Material	Vendor	Color
Pavers	Tremron - Plank	Sand Dune
Street Lights	Cooper Lighting Solutions	ECM Classical Type 4
Pedestrian Lighting	Lithonia Lighting	Radean Bollard
Entry Gates	Hoover Fence - Ideal	Black
Sports Court	Hoover Fence Co	Powder Coated Black
Fencing	Homeland Vinyl Products	Ranch Rail

RV Pads		
Material	Vendor	Color
Pavers	Tremron - Stonehurst Smooth	Sand Dune
Firepit	Tremron - Stonehurst Smooth	Sand Dune
Cabana	Yardcraft	A-Frame Pavilion



IDEAL

#8610 Aluminum Double Swing Estate Gate

Item # IXE-8610

\$2,791.56 - \$7,149.22

Height: 6/7'

4/5'	5/6'	6/7'	7/8'
------	------	------	------

Width: 24'

10'	12'	14'	16'	18'	20'
22'	24'				

Color: Black

--	--	--	--

Finials:

--	--	--

Actual product(s) may vary from pictures shown



Quantity:

-	1	+
---	---	---

ADD TO CART

+ ADD TO PROJECTS

Ranch Rail Program

Homeland Vinyl Products, Inc.

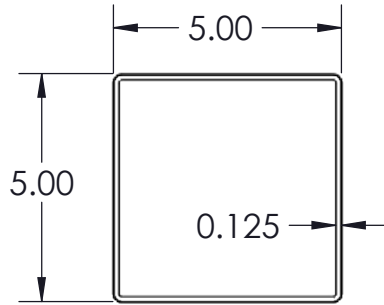


Waymark Accessories can add extra value. Add a decorative cap or even solar lighting to Ranch Rail. Metal and Tiffany style tops are also available to add a more elegant appearance.

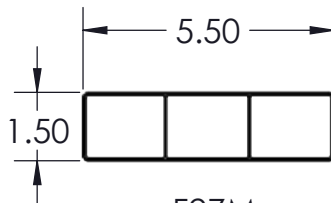
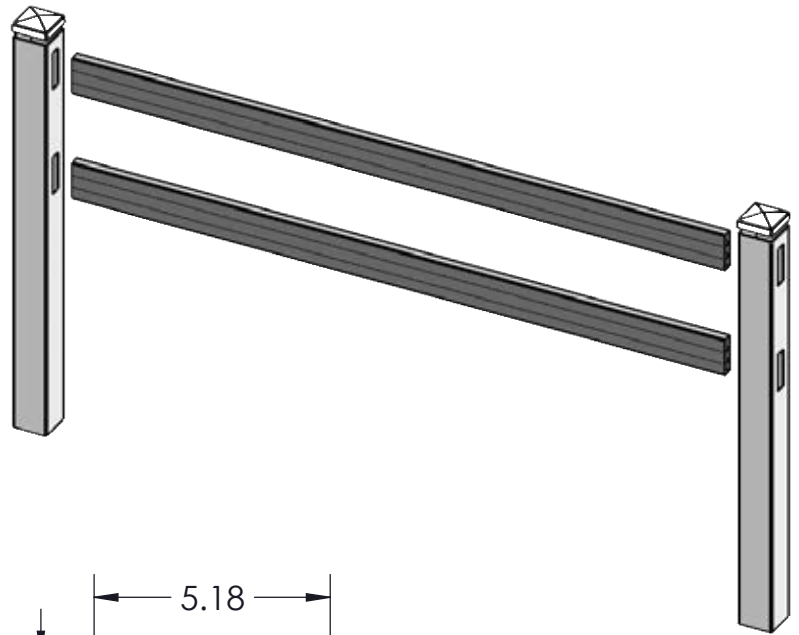


WaymarkProducts.com

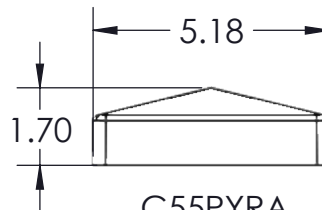
1-1/2" x 5-1/2" Two Ranch Rail



F10J
5" x 5"
Co-Ex Utility Ranch Post



F27M
1½" x 5½"
Co-Ex Utility Value Rail



C55PYRA
5" x 5"
External Pyramid Post Cap

PLANT AVAILABILITY

**ALABAMA and TEXAS
ONLY**

12 Rail Bundles PER TRUCK / **14** Post Bundles PER TRUCK
48' TRUCK ●●



This drawing is the property of Homeland Vinyl Products, Inc. It is not to be reproduced, copied or traced in whole or in part without the written consent of Homeland Vinyl Products, Inc.

TITLE:

1½" x 5½" Two Ranch Rail

DRAWN BY:

ALW

DATE:

4/29/2022

SCALE:

1 : 24

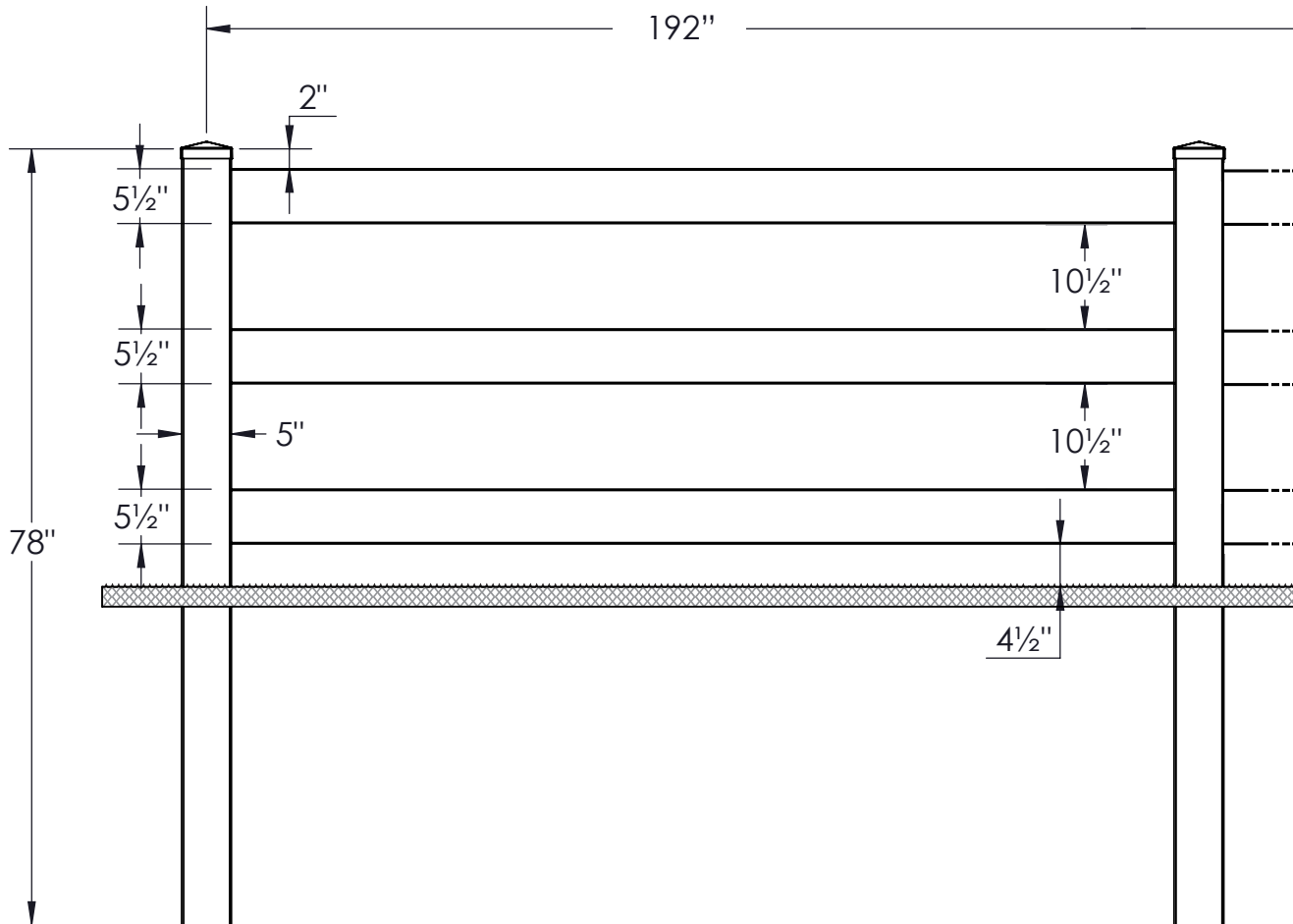
ROUTE PATTERN:

#R23

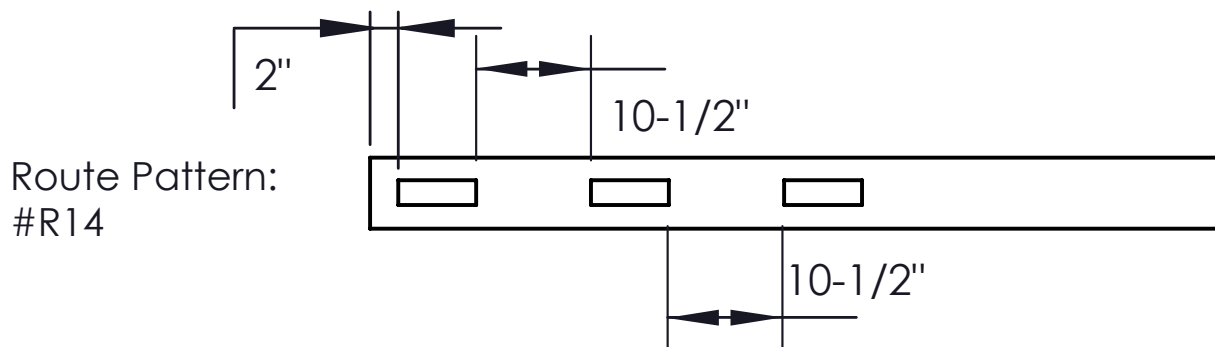
DWG NO.

HVRR-10

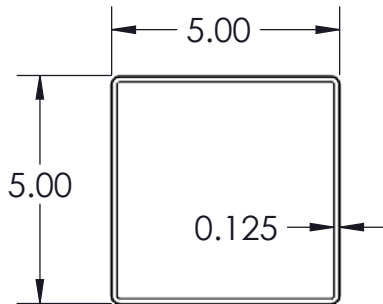
1-1/2" x 5-1/2" Three Ranch Rail



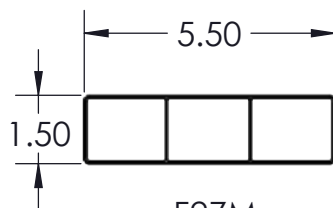
Quantity	Item Key	Description
2	C55PYRA	5" X 5" External Pyramid Post Cap
3	F27M	1-1/2" x 5-1/2" x 192" Co-Ex Utility Value Rail
2	F10J	5" x 5" x 78" Co-Ex Utility Ranch Post
Ranch Rail RediPak HVP Bundle Item Keys		



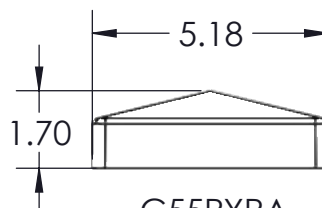
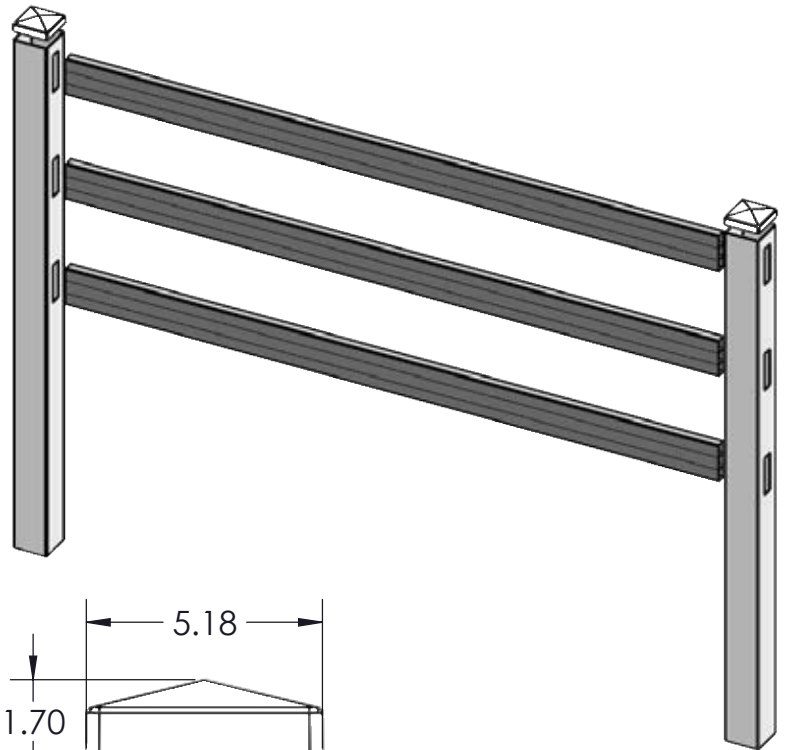
1-1/2" x 5-1/2" Three Ranch Rail



F10J
5" x 5"
Co-Ex Utility Ranch Post



F27M
1 1/2" x 5 1/2"
Co-Ex Utility Value Rail



C55PYRA
5" x 5"
External Pyramid Post Cap

PLANT AVAILABILITY

**ALABAMA and TEXAS
ONLY**

12 Rail Bundles / **14** Post Bundles
PER TRUCK PER TRUCK
48' TRUCK ●●



This drawing is the property of Homeland Vinyl Products, Inc. It is not to be reproduced, copied or traced in whole or in part without the written consent of Homeland Vinyl Products, Inc.

TITLE:

1 1/2" x 5 1/2" Three Ranch Rail

DRAWN BY:

ALW

DATE:

5/2/2022

SCALE:

1 : 24

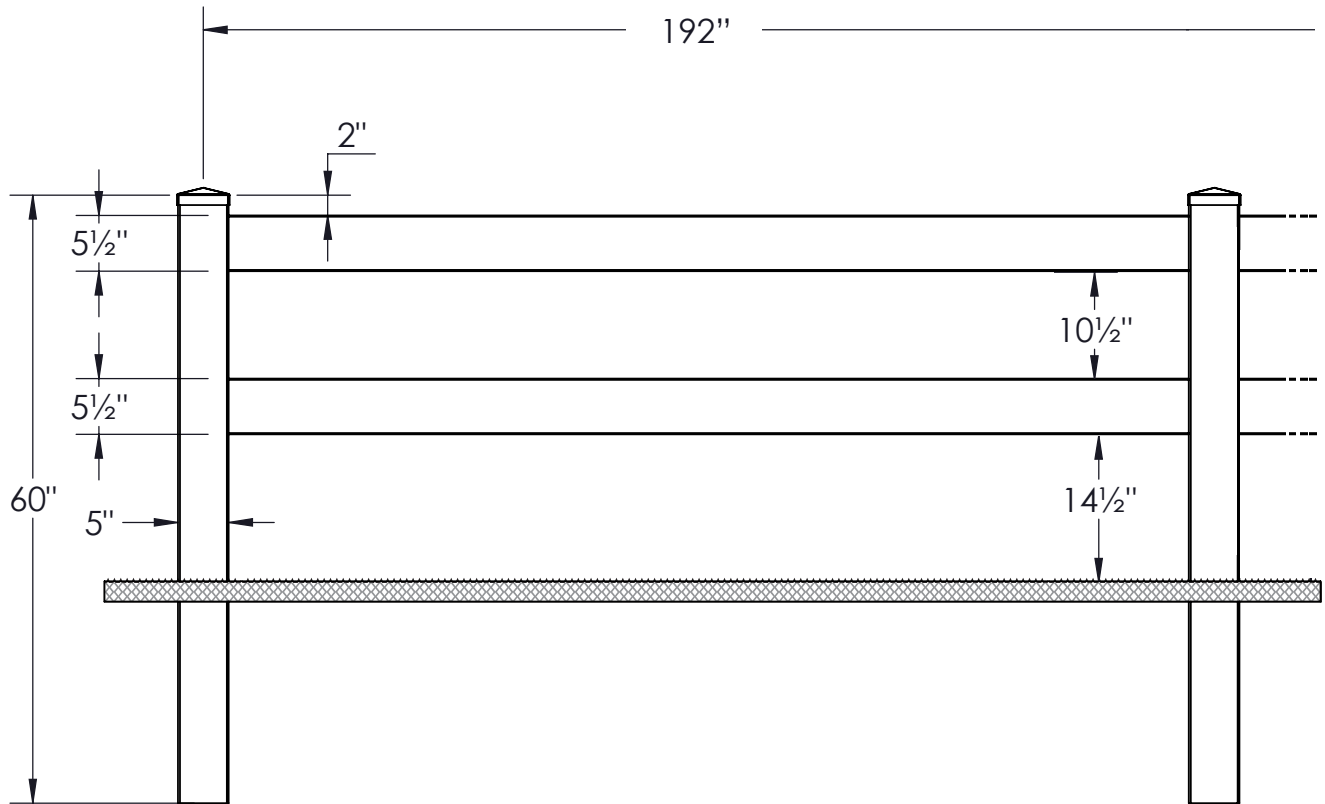
ROUTE PATTERN:

#R14

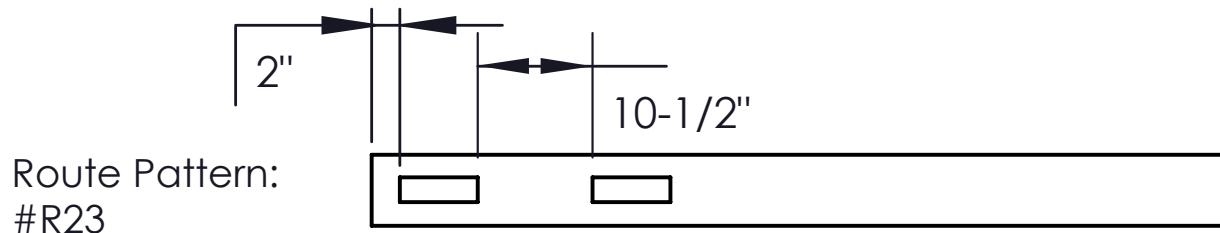
DWG NO.

HVRR-11

1-1/2" x 5-1/2" Two Ranch Rail



Quantity	Item Key	Description
2	C55PYRA	5" X 5" External Pyramid Post Cap
2	F27M	1-1/2" x 5-1/2" x 192" Co-Ex Utility Value Rail
2	F10J	5" x 5" x 60" Co-Ex Utility Ranch Post
Ranch Rail RediPak HVP Bundle Item Keys		



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TITLE:

1 1/2" x 5 1/2" Two Ranch Rail

DRAWN BY:

ALW

DATE:

4/29/2022

SCALE:

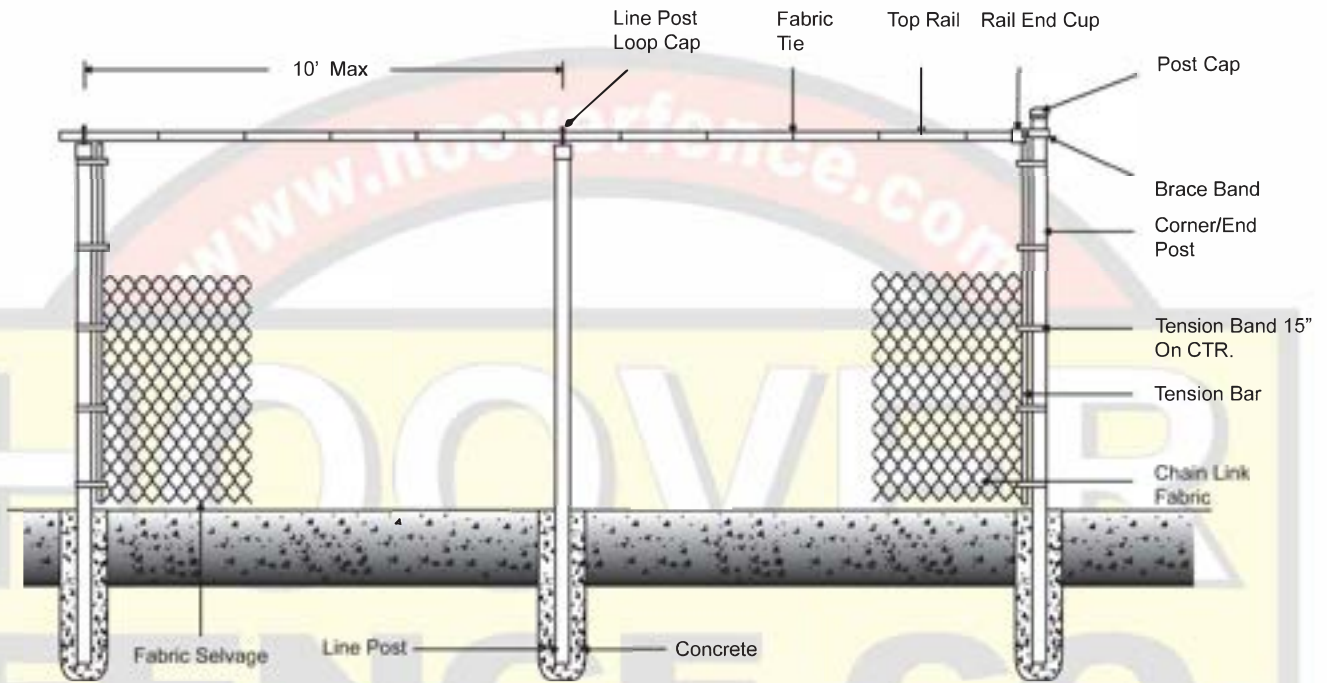
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ROUTE PATTERN:

#R23

DWG NO.

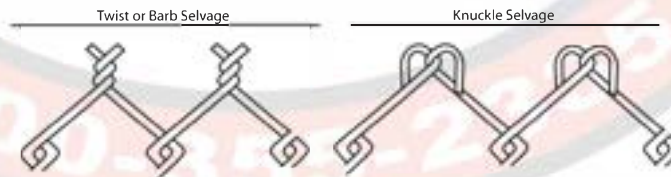
HVRR-10



**FENCE TO BE POWDER
COATED BLACK**

	Height	Mesh	Gauge	Selva	Finish
oric					
mework	O.D.	Wall	Wt.per ft.	Length	
/Corner Post					
e Post					
Is					
te Frame					
te Post					

Notes
 - Gate Fabric to match fence
 - For more information please see
www.hooverfence.com



Last Revised: 10-03-06



Standard Chain Link Fencing

3'-6' Chain Link Fence W/Top Rail Detail

Approved By/Date	Revision NO.	Drawing NO.
Drawn By	Effective Date	

Project		Catalog #		Type	
Prepared by		Notes		Date	



Invue

ECM/EMM Epic Medium LED

Decorative Area Luminaire

Product Features



- ### Interactive Menu

 - Order Information page 2
 - Optical Distributions page 3
 - Product Specifications page 3
 - Mounting Accessories page 4
 - Energy and Performance Data page 8
 - Control Options page 10

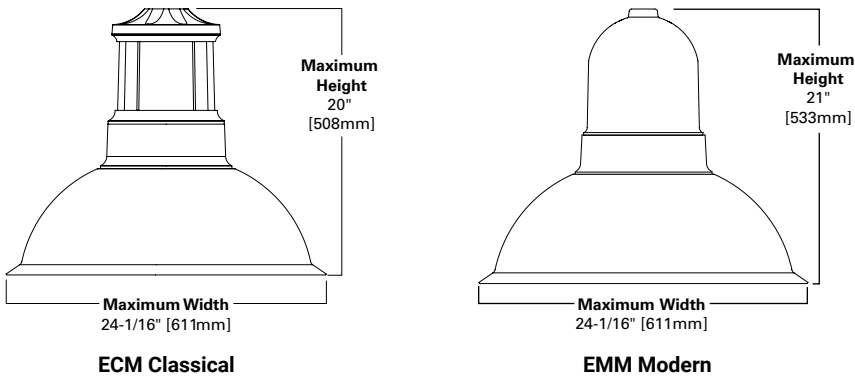
Product Certifications



Quick Facts

- Two housing sizes and hundreds of unique combinations
- 22 different mounting choices including single and dual fixture mounts
- Heavy-gauge precision spun aluminum shades
- One-piece silicone gasket to prevent moisture and dust entry
- Offered standard in 4000K (+/- 275K) CCT and nominal 70 CRI
- Base casting slipfits over a standard 4" O.D. pole or 4"x6" O.D. tenon

Dimensional Overview



Ordering Information

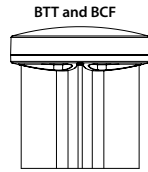
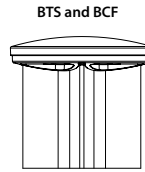
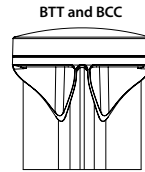
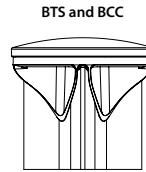
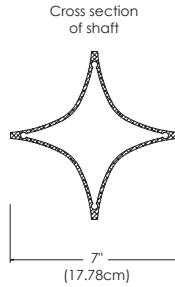
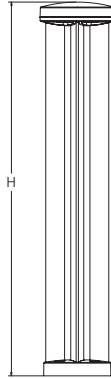
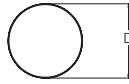
SAMPLE NUMBER: **ECM-E04-LED-E1-T2-FL-GM**

Product Family ¹	Number of LightBARs ^{2,3}	Lamp Type	Voltage	Distribution	Mid Section Type	Shade Type	Color ⁵
ECM =Epic Classical Medium EMM =Epic Modern Medium BAA-ECM =Epic Classical Medium Buy American Act Compliant ¹⁹ BAA-EMM =Epic Modern Medium Buy American Act Compliant ¹⁹	E01 =(1) 21 LED LightBAR E02 =(2) 21 LED LightBARs E03 =(3) 21 LED LightBARs E04 =(4) 21 LED LightBARs F01 =(1) 7 LED LightBAR F02 =(2) 7 LED LightBARs F03 =(3) 7 LED LightBARs F04 =(4) 7 LED LightBARs	LED =Solid State Light Emitting Diodes	E1 =Electronic (120-277V) 347 =347V 480 =480V ⁴	T2 =Type II T3 =Type III T4 =Type IV SL2 =Type II w/Spill Control SL3 =Type III w/Spill Control SL4 =Type IV w/Spill Control 5MQ =Type V Square Medium 5WQ =Type V Square Wide 5XQ =Type V Square Extra Wide RW =Rectangular Wide SLL =90° Spill Light Eliminator Left SLR =90° Spill Light Eliminator Right	S0 =Solid SR =Solid Rings	SN =Straight Narrow SW =Straight Wide BL =Bell FL =Flute	AP =Grey BZ =Bronze BK =Black DP =Dark PL =Platinum GM =Graphite Metallic WH =White
Options (Add as Suffix)		Accessories (Order Separately) ²⁰					
2L =Two Circuits ⁶ 7030 =70 CRI / 3000K CCT ⁷ 7050 =70 CRI / 5000K CCT ⁷ 8030 =80 CRI / 3000K CCT ⁷ LCF =LightBAR Cover Plate Matches Housing Finish MS-LXX =Motion Sensor for ON/OFF Operation ⁸ MS/X-LXX =Motion Sensor for Bi-Level Switching ⁹ PMXX =Pendant Mount (XX=Pendant Length in Inches, 9.5" min - 48.0" max) ¹⁰ HSS =Factory Installed House Side Shield ¹¹ DIM =0-10V Dimming Driver ¹²		Accessories Options ¹⁶ V =Victorian Finial ¹⁷ M =Modern Finial ¹⁷ A =Architectural Finial ¹⁷ N =Nostalgic Finial ¹⁷ R =NEMA Twistlock Photocontrol Receptacle ¹⁸					
		OA/RA1016 =NEMA Twistlock Photocontrol - Multi-Tap OA/RA1027 =NEMA Twistlock Photocontrol - 480V OA/RA1201 =NEMA Twistlock Photocontrol - 347V OA/RA1013 =Photocontrol Shorting Cap LB/HSS-21 =Field Installed House Side Shield for "E" LightBARs ^{11,15} LB/HSS-07 =Field Installed House Side Shield for "F" LightBARs ^{11,15} Mounting Accessories (Order Separately) Classical VA6150-XX =Bishop Wall Mount Arm VA6151-XX =Bishop Wall Mount Arm with Cross Rod VA6152-XX =Traditional Wall Mount Arm VA6153-XX =Traditional Wall Mount Arm with 45° Strap VA6154-XX =Bishop Single Pole Mount Arm VA6155-XX =Bishop Single Pole Mount Arm with Cross Rod VA6156-XX =Bishop Twin Pole Mount Arm VA6157-XX =Bishop Twin Pole Mount Arm with Cross Rods VA6158-XX =Traditional Single Pole Mount Arm VA6159-XX =Traditional Single Pole Mount Arm with Rounded Upper Bar VA6160-XX =Traditional Single Pole Mount Arm with Rounded Lower Bar ¹⁴ VA6161-XX =Traditional Single Pole Mount Arm with 45° Upper Bar VA6162-XX =Traditional Single Pole Mount Arm with 45° Lower Bar ¹⁴ VA6163-XX =Traditional Single Pole Mount Arm with 45° Upper Strap VA6165-XX =Traditional Twin Pole Mount Arm VA6166-XX =Traditional Twin Pole Mount Arm with Rounded Upper Bars VA6167-XX =Traditional Twin Pole Mount Arm with Rounded Lower Bars ¹⁴ VA6168-XX =Traditional Twin Pole Mount Arm with 45° Upper Bars VA6169-XX =Traditional Twin Pole Mount Arm with 45° Lower Bars ¹⁴ VA6170-XX =Traditional Twin Pole Mount Arm with 45° Upper Straps VA6171-XX =Mast Arm Adapter Modern VA6101-XX =Bishop Wall Mount Arm VA6102-XX =Bishop Wall Mount Arm with Cross Rod VA6103-XX =Traditional Wall Mount Arm VA6104-XX =Traditional Wall Mount Arm with 45° Strap VA6105-XX =Bishop Single Pole Mount Arm VA6106-XX =Bishop Single Pole Mount Arm with Cross Rod VA6107-XX =Bishop Twin Pole Mount Arm VA6108-XX =Bishop Twin Pole Mount Arm with Cross Rods VA6109-XX =Traditional Single Pole Mount Arm VA6110-XX =Traditional Single Pole Mount Arm with Rounded Upper Bar VA6111-XX =Traditional Single Pole Mount Arm with Rounded Lower Bar ¹⁴ VA6112-XX =Traditional Single Pole Mount Arm with 45° Upper Bar VA6113-XX =Traditional Single Pole Mount Arm with 45° Lower Bar ¹⁴ VA6114-XX =Traditional Single Pole Mount Arm with 45° Upper Strap VA6116-XX =Traditional Twin Pole Mount Arm VA6117-XX =Traditional Twin Pole Mount Arm with Rounded Upper Bars VA6118-XX =Traditional Twin Pole Mount Arm with Rounded Lower Bars ¹⁴ VA6119-XX =Traditional Twin Pole Mount Arm with 45° Upper Bars VA6120-XX =Traditional Twin Pole Mount Arm with 45° Lower Bars ¹⁴ VA6121-XX =Traditional Twin Pole Mount Arm with 45° Upper Straps VA6122-XX =Mast Arm Adapter					
NOTES: 1. Arm not included. Order separately. See accessories. 2. Standard 4000K CCT and greater than 70 RI. 3. 21 LED LightBAR powered by 350mA and 7 LED LightBAR powered by 1A. 4. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems). 5. Custom and RAL color matching available upon request. Consult your lighting representative at Cooper Lighting Solutions for more information. 6. Low-level output varies by bar count. Consult factory. Requires quantity of two or more LightBARs. 7. Consult customer service for lead times and multiplier. 8. Sensor mounted to the luminaire. Available in E01-E04 and F01-F04 configurations. Replace "XX" with mounting height in feet for proper lens selection, (e.g., MS-L25). Consult factory for additional information. 9. Sensor mounted to the luminaire. Available in E02-E04 and F02-F04 configurations. Replace "X" with number of LightBARs operating in low output mode and replace XX with mounting height in feet for proper lens selection, (e.g., MS/3-L25). Maximum four bars in low output mode. Consult factory for additional information. 10. Pendant mount option "PMXX" must be used with Invue Pendant mount kit only. Includes pendant pipe, swivel hangar and canopy cover. Other pendant lengths can be specified in inches (XX). Minimum pendant length is 9-1/2". For lengths above 48", consult your lighting representative at Cooper Lighting Solutions for more information. 11. Only for use with SL2, SL3 and SL4 distributions. 12. Dimming leads provide for external 0-10V control system (by others). 13. Replace XX with color suffix. 14. Only available with traditional arms. 15. One required for each LightBAR. 16. Add as suffix to mounting accessory. Example: VA6106-BK-R. 17. Not available with finials, pendant mount "PMXX" or bishop wall mounts. 18. Requires use of 4" O.D. round straight pole. 19. Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 20. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.							



RADEAN Bollard

LED Site Luminaire



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The Radean LED Bollard is an award-winning, energy-saving, long-life solution designed to perform the way a bollard should.

The Radean LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.

Specifications

Diameter: D = 8.25"
(20.96cm)

Height: H = 41.5" Standard
(105.41cm)

Weight (max): 20lbs
(9.07Kg)

Ordering Information

EXAMPLE: RADB LED P4 30K SYM MVOLT BTS BCCDNATXD DBLXD

RADB LED						
Series	Performance Package	Color temperature	Distribution	Voltage	Control options	Bollard top (required)
RADB LED	P1	27K 2700 K	ASY Asymmetric ²	MVOLT ³	Shipped installed	Slim Top
	P2	30K 3000 K	SYM Symmetric ¹	120	PE Photoelectric cell, button type ^{4,5}	BTS Slim top, painted to match shaft ^{5,9}
	P3	35K 3500 K		208 ³	DMG 0-10V dimming driver (no controls)	BTSDWHXD Slim top, white ^{5,9}
	P4	40K 4000 K		240 ³	E7WH Emergency battery backup, Certified in CA Title 20 MAEDBS1 ^{6,7,8}	BTSDBLXD Slim top, black texture ^{5,9}
	P5 ¹	50K 5000 K		277	FAO Field adjustable output ⁵	BTSDDBTXD Slim top, dark bronze textured ^{5,9}
				347	PIR Motion sensor Bi-level ^{3,5,6,7}	BTSDDBXD Slim top, dark bronze ^{5,9}
				480		BTSDNATXD Slim top, natural aluminum textured ^{5,9}
						BTSDNAXD Slim top, natural aluminum ^{5,9}
						BTSDWHGXD Slim top, white textured ⁹
						Tall Top
						BTT Tall top painted to match shaft ⁹
						BTDDBLXD Tall top, black textured ⁹
						BTDDBLXD Tall top, black ⁹
						BTDDBTXD Tall top, dark bronze textured ⁹
						BTDDDBXD Tall top, dark bronze ⁹
						BTDDNATXD Tall top, natural aluminum textured ⁹
						BTDDNAXD Tall top, natural aluminum
						BTDDWHGXD Tall top, white textured ⁹
						BTDDWHXD Tall top, white ⁹

Bollard crown (required)		Other options	Finish (required)
Deep Crown		H24 ^{6,10} 24" overall height	DDBXD Dark bronze
BCC Deep crown, painted to match shaft ⁹	Flat Crown	H30 ^{6,10} 30" overall height	DBLXD Black
BCCDWHXD Deep crown, white ⁹	BCF Flat crown, painted to match shaft ⁹	H36 ^{6,10} 36" overall height	DNAXD Natural aluminum
BCCDBLXD Deep crown, black ⁹	BCFDBLXD Flat crown, black textured ⁹	L/AB Without anchor bolts	DWHXD White
BCCDBLXD Deep crown, black textured ⁹	BCFDBLXD Flat crown, black ⁹		DDBTXD Textured dark bronze
BCCDDBTXD Deep crown, dark bronze textured ⁹	BCFDDBTXD Flat crown, dark bronze textured ⁹		DBLXD Textured black
BCCDDBTXD Deep crown, dark bronze textured ⁹	BCFDDBTXD Flat crown, dark bronze ⁹		DNATXD Textured natural aluminum
BCCDDBXD Deep crown, dark bronze ⁹	BCFDDBTXD Flat crown, dark bronze ⁹		DWHGXD Textured white
BCCDNATXD Deep crown, natural aluminum textured ⁹	BCFDNATXD Flat crown, natural aluminum textured ⁹		
BCCDNATXD Deep crown, natural aluminum textured ⁹	BCFDNATXD Flat crown, natural aluminum ⁹		
BCCDNAXD Deep crown, natural aluminum ⁹	BCFDNAXD Flat crown, natural aluminum ⁹		
BCCDNAXD Deep crown, natural aluminum ⁹	BCFDNAXD Flat crown, white textured ⁹		
BCCDWHGXD Deep crown, white textured ⁹	BCFDWHGXD Flat crown, white textured ⁹		
BCCDWHGXD Deep crown, white textured ⁹	BCFDWHXD Flat crown, white ⁹		

Accessories

Ordered and shipped separately.

RADBAB U	Anchor bolts (4)	RKSRADB BCKIT (FINISH) U	Base cover with bolt caps
RADBAB DDBXD U	Replacement anchor bolt covers (specify finish) (4)	RK8RADB EMTESTMAG U	Emergency test stylus

NOTES

- P5 only available in SYM distribution.
- ASY has only two illuminated quadrants driven at higher drive currents to generate similar output as the SYM-4-quadrant product.
- PIR not available with 208V or 240V.
- PE only available with ASY.
- PE, PIR and FAO not available with BTS.
- E7WH and PIR only available in full height. Not available with H24, H30 or H36.
- PIR not available with E7WH.
- E7WH is not available with 347V or 480V.
- Architectural and custom colors available (additional leadtimes and cost may apply).
- 42" Height is standard. H24, H30 and H36 have longer leadtimes.

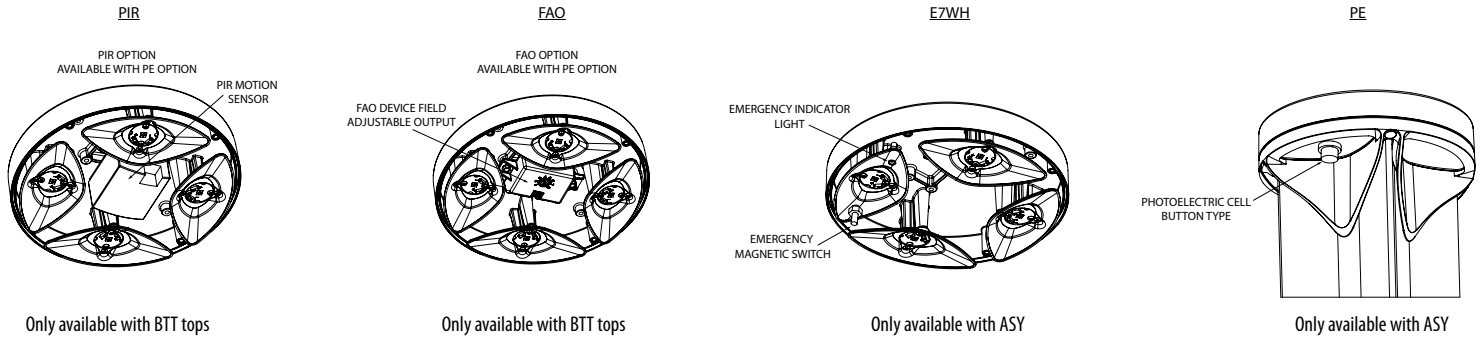


COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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RADB-LED
Rev. 8/27/24

Options



Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

Performance Data DNAXD Finish*

Light Engines	Performance Package	System Watts	2700K					3000K					3500K					4000K					5000K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
"Symmetric (4 light engines)"	P1	5	345	0	1	0	66	362	0	1	0	69	370	0	1	0	71	380	0	1	0	73	382	0	1	0	73
	P2	8	644	0	1	0	81	677	0	1	0	85	692	0	1	0	87	711	0	1	0	89	713	0	1	0	89
	P3	13	1036	1	1	0	77	1088	1	1	0	81	1112	1	1	0	83	1142	1	1	0	85	1146	1	1	0	85
	P4	19	1460	1	1	0	79	1534	1	1	0	83	1568	1	1	0	84	1610	1	1	0	87	1616	1	1	0	87
	P5	32	2314	1	1	0	72	2430	1	1	0	75	2484	1	1	0	77	2551	1	1	0	79	2561	1	1	0	79
"Asymmetric (2 light engines)"	P1	5	312	0	1	0	60	328	0	1	0	63	335	0	1	0	64	344	0	1	0	66	346	0	1	0	66
	P2	8	584	0	1	0	73	613	0	1	0	77	627	0	1	0	78	644	0	1	0	81	646	0	1	0	81
	P3	13	938	0	1	0	70	985	0	1	0	73	1007	0	1	0	75	1035	0	1	0	77	1038	0	1	0	77
	P4	19	1323	0	1	0	71	1390	0	1	0	75	1420	0	1	0	76	1459	0	1	0	78	1464	0	1	0	79

*Note: Lumen output varies based on finish. Silver color shown, for black (worst) or white (best) photometry, see specific photometric files downloadable from www.acuitybrands.com

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Projected LED Lumen Maintenance				
	25,000	50,000	75,000	100,000
P1	0.94	0.89	0.85	0.80
P2	0.94	0.89	0.85	0.80
P3	0.94	0.89	0.85	0.80
P4	0.94	0.89	0.85	0.80
P5	0.94	0.89	0.85	0.80

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average temperatures from 0-40°C (32-104°F).

Ambient	LAT Factor
0	32°F 1.03
5	41°F 1.03
10	50°F 1.02
15	59°F 1.01
20	68°F 1.01
25	77°F 1
30	86°F 0.99
35	95°F 0.99
40	104°F 0.98

Electrical Load

	Current (Amp)						Current (Amp)			
	Watts @120V (W)	Watts @277V (W)	@120V (A)	@208V (A)	@240V (A)	(@277V) (A)	Watts (@347V)	Watts (@480V)	(@347V) (A)	(@480V)
P1 ASY	5	6	0.0445	0.0299	0.0276	0.0262	10	10	0.0443	0.0319
P2 ASY	9	10	0.0751	0.0471	0.0429	0.0399	14	14	0.0505	0.0364
P3 ASY	14	15	0.1147	0.0699	0.0627	0.0571	18	18	0.0611	0.0441
P4 ASY	19	19	0.1586	0.0928	0.0819	0.0735	23	23	0.0709	0.0513
P1 SYM	5	6	0.0444	0.0301	0.0279	0.0265	9	9	0.0441	0.0319
P2 SYM	9	10	0.0734	0.0461	0.0421	0.0391	13	13	0.0502	0.0363
P3 SYM	13	14	0.112	0.067	0.0598	0.0544	18	18	0.0602	0.0435
P4 SYM	18	19	0.1535	0.0902	0.0796	0.0713	22	22	0.0691	0.0499
P5 SYM	31	31	0.2597	0.1527	0.1326	0.1149	35	36	0.1079	0.079



COMMERCIAL OUTDOOR

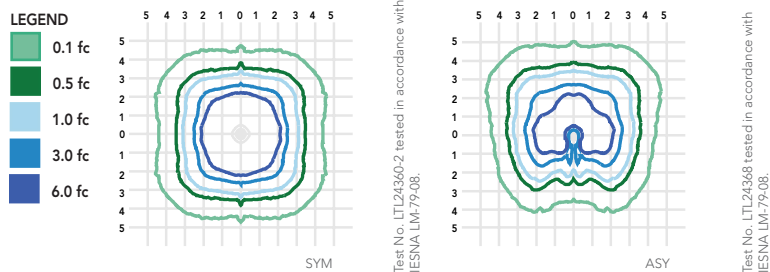
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RADB-LED
Rev. 8/27/24

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RADEAN Bollard homepage](#).

Isofootcandle plots for the RADB. Distances are in units of mounting height (3.5').



FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and maintenance-free performance of the Radean LED Bollard is ideal for illuminating building entryways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

CONSTRUCTION

One-piece extruded aluminum shaft with thick side walls for extreme durability, and die-cast reflector and top cap. Four 3/8" x 7" anchor bolts with double nuts and washers and 5-2/3" max. bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Two optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination. Light engines are available in 2700K, 3000K, 3500K, 4000K or 5000K.

ELECTRICAL

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L80/100,000 hours at P5 at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Emergency battery backup rated for -10°C minimum ambient. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color or less. U.S. Patent No. D912,850S

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application and color.
All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



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RADB-LED
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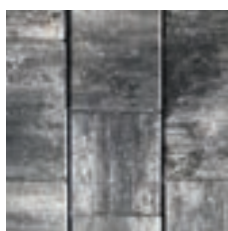
Stonehurst Smooth



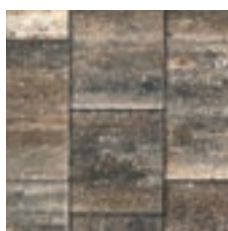
STONEHURST SMOOTH (GLACIER)

Stonehurst Smooth is a recreation of a popular classic paver, featuring a refined textured surface that offers a sleek and contemporary aesthetic. The elegant smooth finish, with a reduced bevel edge, enhances the upscale appeal of any outdoor space. This paver is ideal for achieving a modern farmhouse look in driveways, pool decks, patios and walkways.

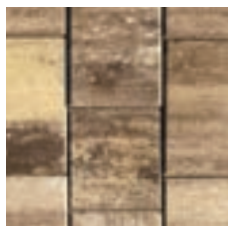
Standard Colors:



Glacier



Lionsbridge



Sand Dune



Sierra

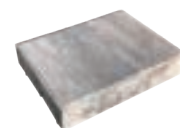
Size Chart:



6x9



9x9



9x12

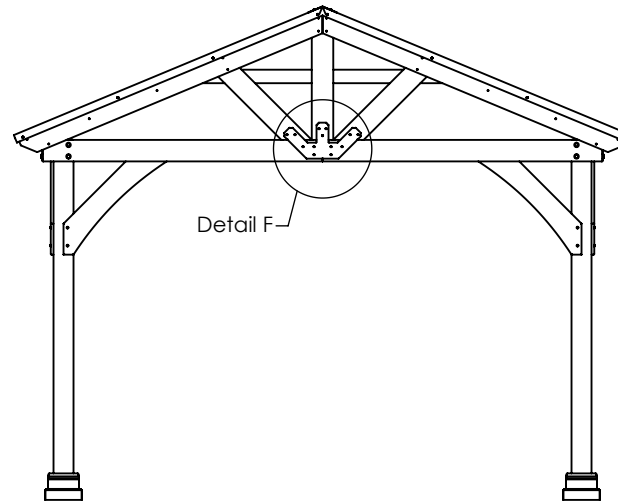
Paver Info:

PRODUCT #	PV21495W2075 - Glacier PV21495W3330 - Lionsbridge PV21495W3220 - Sand Dune PV21495W3320 - Sierra
DIMENSIONS (in.)	6x9, 9x9, 9x12
THICKNESS (in.)	2-3/8
SF PER CUBE	116
CUBE WEIGHT (lbs.)	3,016
SURFACE:	Smooth Top

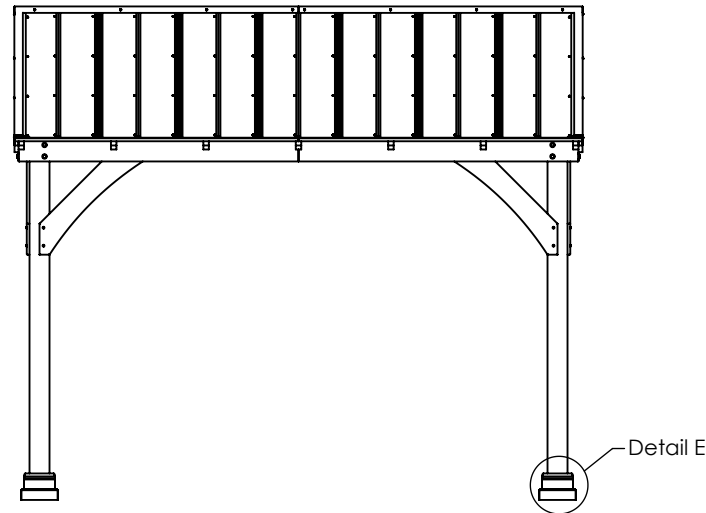
Due to variations in printing, color selections should always be chosen from actual product samples.



12x12 Pavilion



End Elevation



Side Elevation

DESIGN REQUIREMENTS

1. Governing Code:
Including, not limited to: IBC 2015 (ASCE 7-10)
Risk Category: 1
2. Live Load: 10 psf
4. Ground Snow Load: 30 psf with 2x6 Headers.
45 psf if upgraded to 2x8 Headers.
5. Wind Load:
Basic Wind Speed (V): 140 mph
Open Building, Unrestricted Flow
6. Uplift at each Column Base: 108 lb.



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Elevation Plans

PROJECT:
12x12 A-Frame Pavilion

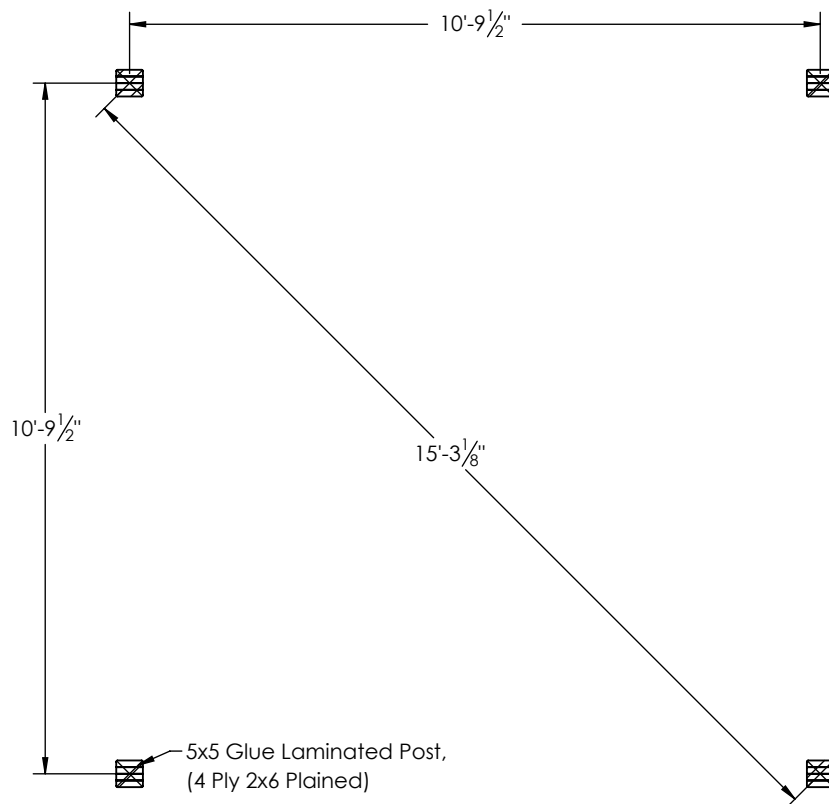
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Post Layout Plan



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DRAWING TITLE:
Post Layout Plan

PROJECT:
12x12 A-Frame Pavilion

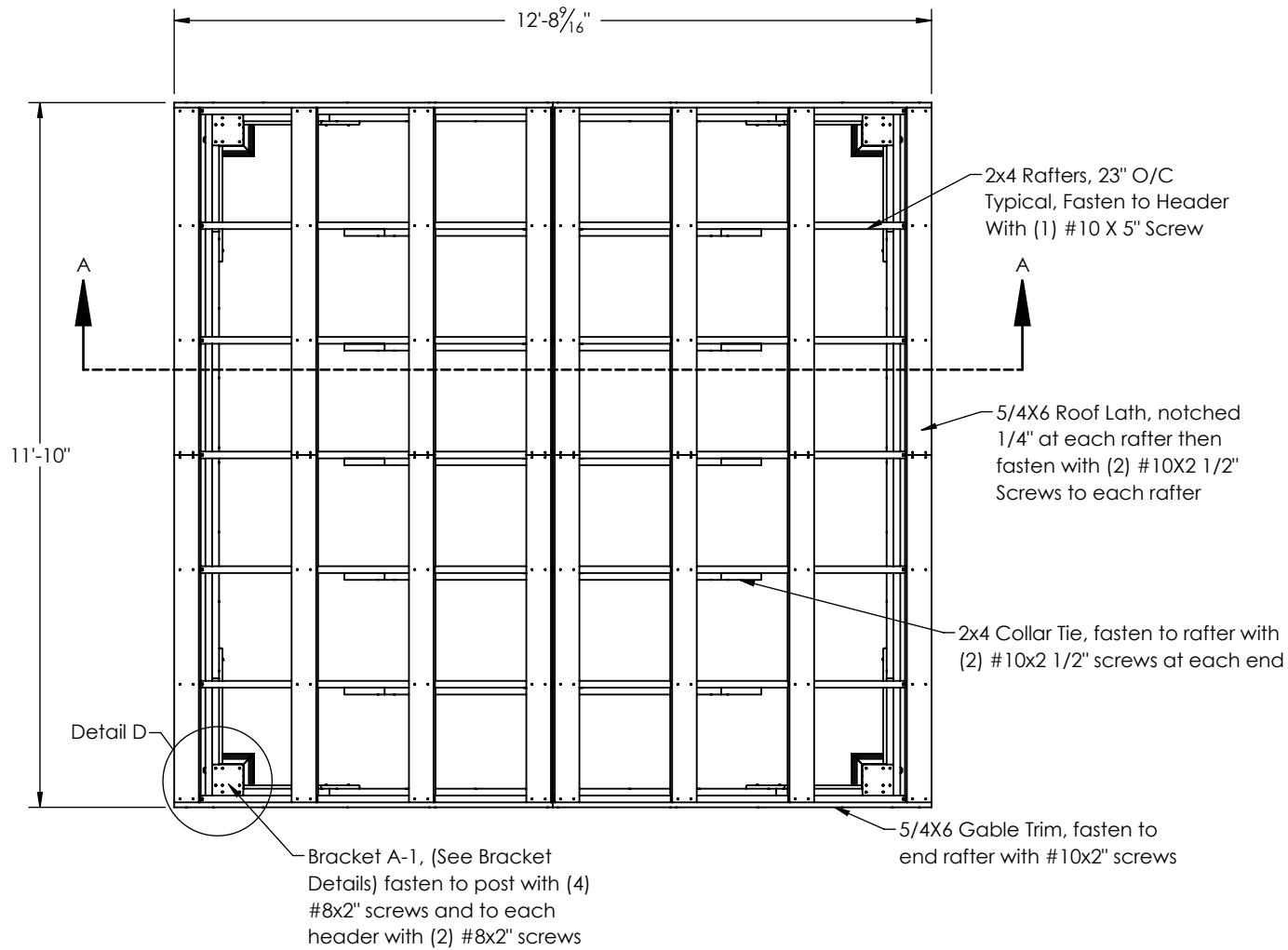
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Roof Framing Plan



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DRAWING TITLE:
Roof Framing Plan

PROJECT:
12x12 A-Frame Pavilion

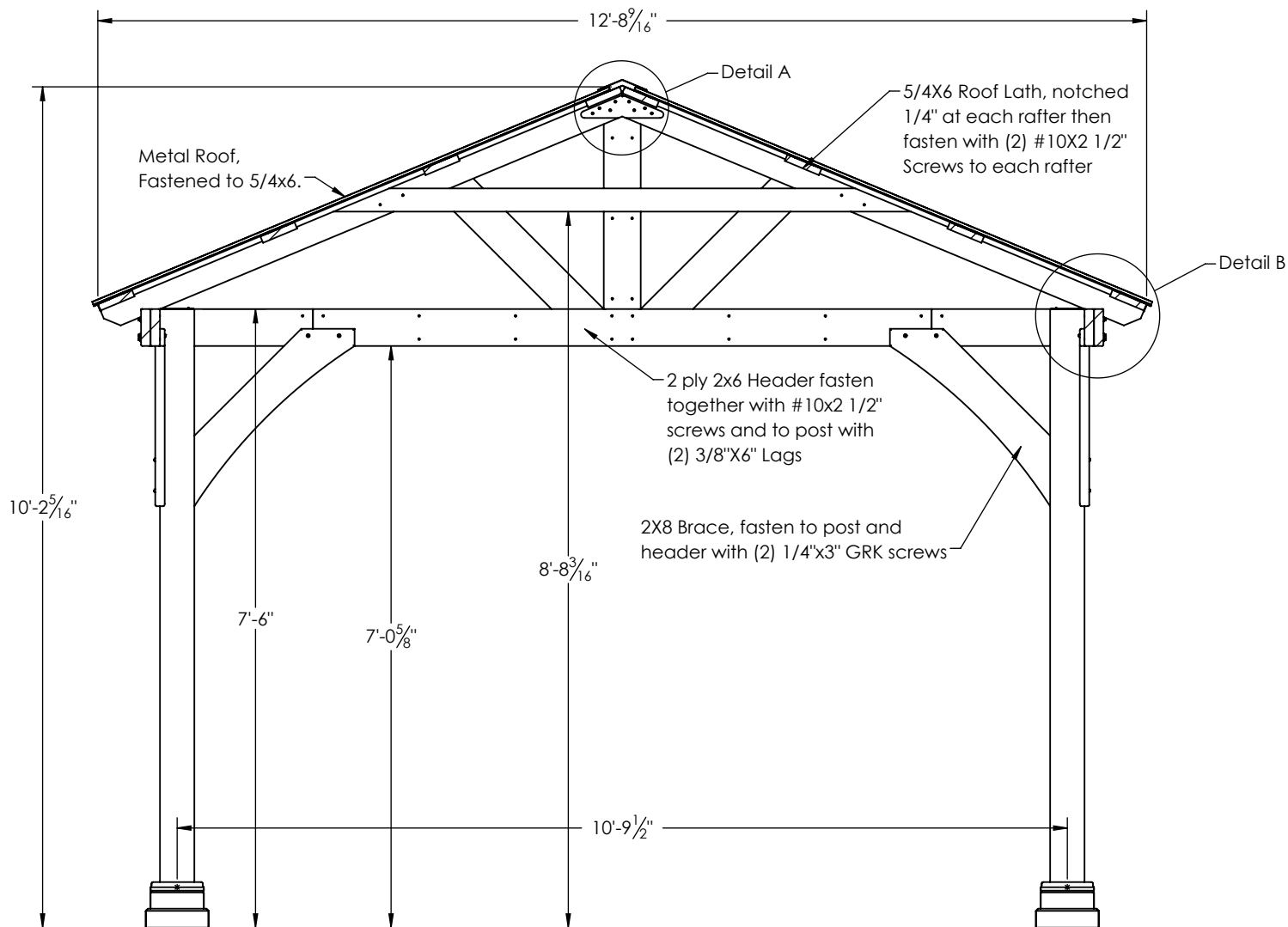
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CROSS SECTION A-A



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CONTRACTOR:
YardCraft

DRAWING TITLE:
Cross Section

PROJECT:
12x12 A-Frame Pavilion

COMMENTS:

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BY: JR. SCALE: 1:24