

# Beam 12' - 30' Steel Pole with Wood Accents

STRUCTURA

FIXTURE TYPE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_



Steel H-beam upright with wood accent panels.

## FEATURES:

- Roadway or pedestrian pole heights up to 30'
- Catenary cable capabilities
- Available in 6", 8", and 10" square sizes

## SPECIFICATIONS:

**CONSTRUCTION:** Formed A992 steel beam welded to an A572 steel baseplate. Solid wood panel is assembled through glulam construction and precision machined using CNC technology. Adhesive complies with ASTM D-2559 glulam construction specifications for extreme exposed weather conditions, is waterproof and rated for wet or dry use exposure.

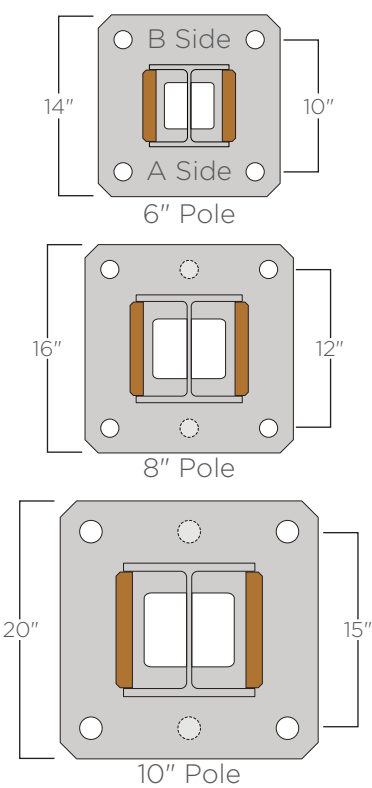
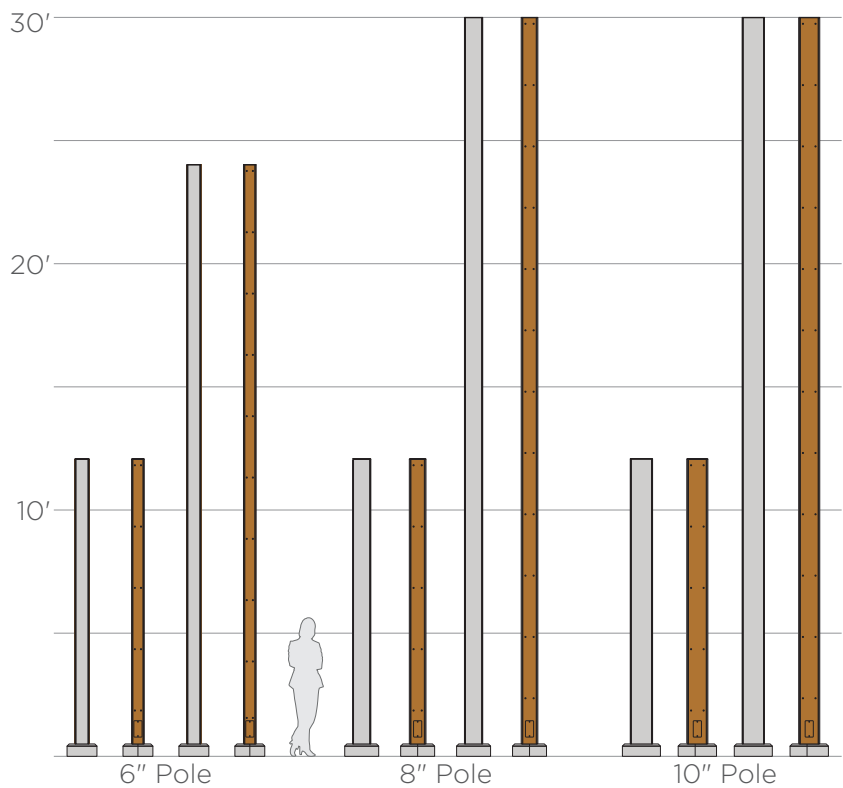
**ELECTRICAL:** A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

**FINISHES AND MATERIALS:** All metal parts are polyester powder coat painted. Wood panels are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. [Care and Maintenance](#)

**HARDWARE:** All fasteners and hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

**FIXTURE MOUNTING:** Fixtures mount to pole from bolt pattern, horizontal mast arm, or custom arm.





**ORDERING GUIDE:** EXAMPLE: BEAM-20-6-4-C5-A18-B12-S5-BC-STD

BEAM										BC	STD
1	2	3	4	5	6	7	8	9	10	11	

1	Series	5	Pole Finish <sup>(2)</sup>	8	Wood Panel Finish
BEAM	Beam	C*	See color options on finishes technical sheet	S*	See color options on finishes technical sheet
2	Pole Height <sup>(1)</sup>	CSM	Custom Color	9	Options
12	12'	6	A Side	CAT	Catenary <sup>(3)</sup>
30	30'	A0	Fixture Mounting Height	BNR	Banner Arms <sup>(4)</sup>
**	Specify	A12	No fixture on this side	GALV	Galvanization <sup>(5)</sup>
3	Size	A30	12'	GFCI	GFCI Box
6	6"	A**	30'	10	Anchor Bolts
8	8"	7	B Side	BC	Traditional Anchors with Base Cover
10	10"	B0	Fixture Mounting Height	11	Special
4	Anchor Bolt	B12	No fixture on this side	STD	Standard
4	4	B30	12'		
6	6	B**	30'		
			Specify		

Size	Pole Weight
6"	57lbs + 23lbs/ft
8"	72lbs + 39lbs/ft
10"	138lbs + 54lbs/ft

1. 6" poles are available up to 24' in height.  
2. Due to the nature of structural beams, some surface smoothness imperfections can be present.  
3. Catenary poles must use the 8" or 10" size with 6 anchor bolts. Catenary poles must have engineering done by Structura.  
4. Consult factory for allowable banner size based upon EPA.  
5. Due to the nature of galvanization, some surface smoothness imperfections can be present.