

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.

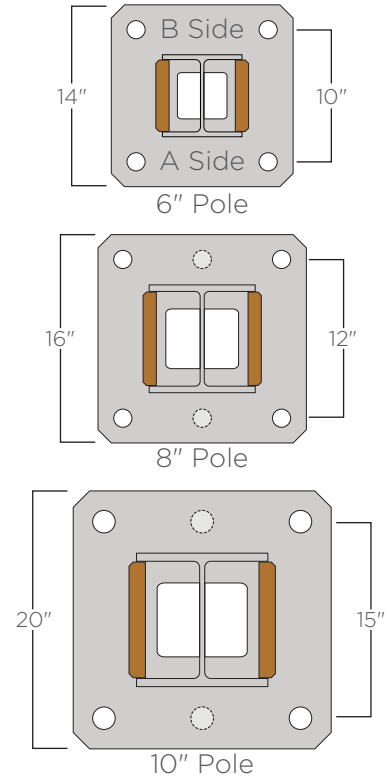
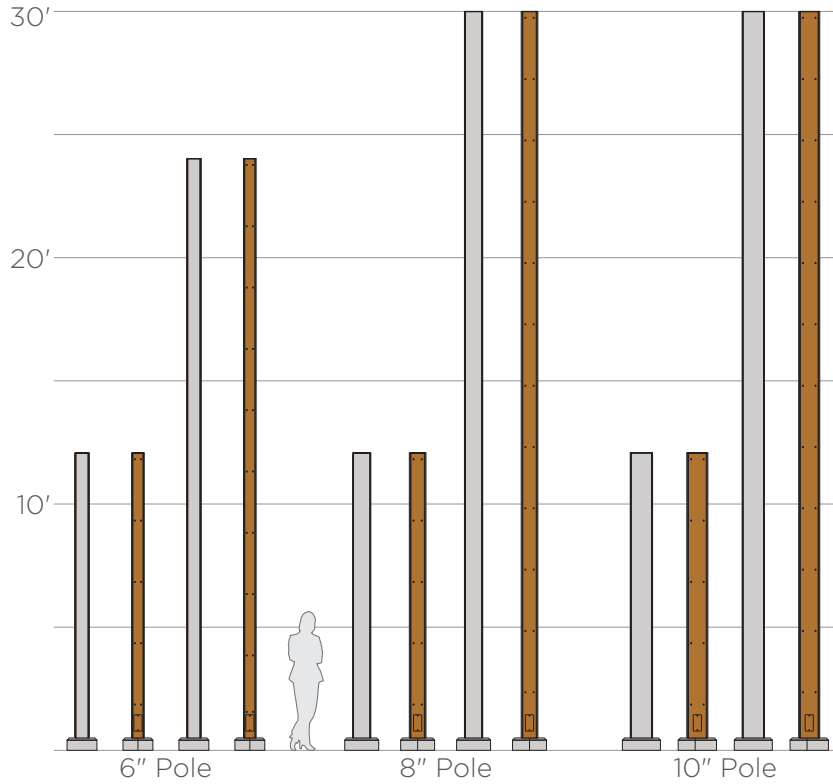
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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
BEAM	Beam
2	Pole Height⁽¹⁾
12	12'
30	30'
**	Specify
3	Size
6	6"
8	8"
10	10"
4	Anchor Bolt
4	4
6	6

5	Pole Finish⁽²⁾
C*	See color options on finishes technical sheet
CSM	Custom Color
6	A Side
A0	No fixture on this side
A12	12'
A30	30'
A**	Specify
7	B Side
B0	No fixture on this side
B12	12'
B30	30'
B**	Specify

8	Wood Panel Finish
S*	See color options on finishes technical sheet

9	Options
CAT	Catenary ⁽³⁾
BNR	Banner Arms ⁽⁴⁾
GALV	Galvanization ⁽⁵⁾
GFCI	GFCI Box

10	Anchor Bolts
BC	Traditional Anchors with Base Cover

11	Special
STD	Standard

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 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.