Beam 12' - 30' Steel Pole with Wood Accents

structura

FIXTURE TYPE: _____

PROJECT NAME: _____



Shown with Plaza arm, banner arm option, and modified top.

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.

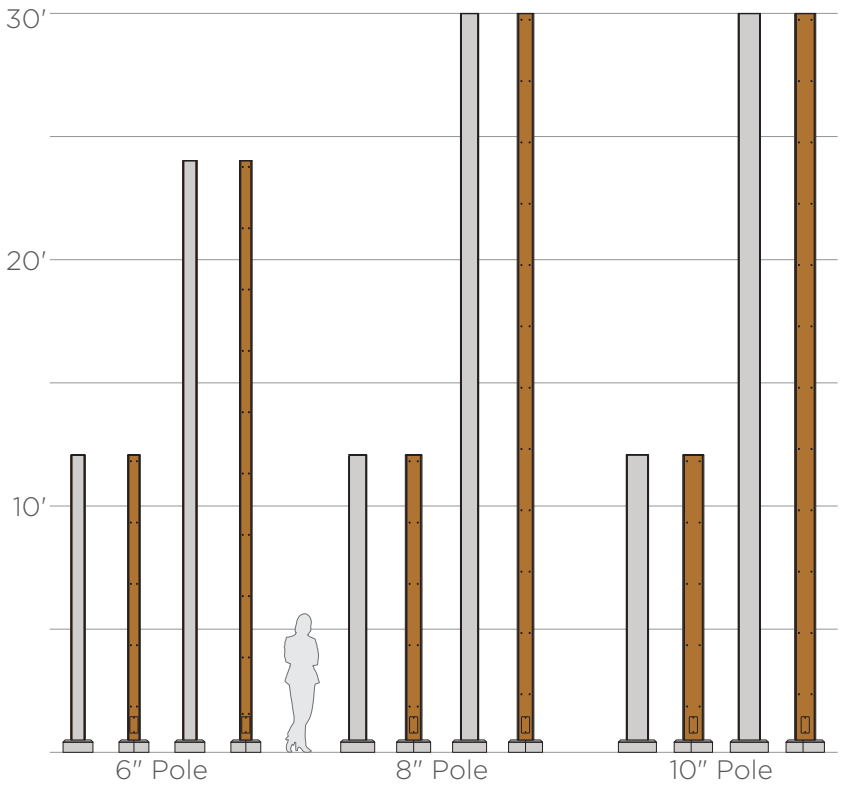
FINISHES AND MATERIALS: All metal parts are polyester powder coat painted. Wood panels are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. Care and Maintenance

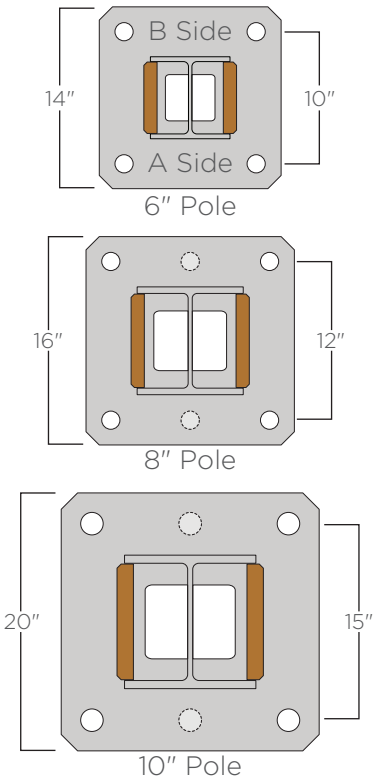
HARDWARE: All fasteners and hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

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


Shown with custom arm.

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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
30
**

12′
30′
Specify

3 Size

6
8
10

6″
8″
10″

4 Anchor Bolt

4
6

4
6

5 Pole Finish[2]

C*
CSM

See color options on finishes technical sheet
Custom Color

A Side
6 Fixture Mounting Height

A0
A12
A30
A**

No fixture on this side
12′
30′
Specify

B Side
7 Fixture Mounting Height

B0
B12
B30
B**

No fixture on this side
12′
30′
Specify

8 Wood Panel Finish

S*

See color options on finishes technical sheet

9 Options

BABA
BNR
CAT
GALV
GFCI

BABA
Banner Arms[4]
Catenary[3]
Galvanization[5]
GFCI Box[6]

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.
6. GFCI box comes with in-use or wet location cover. Outlet supplied by others.

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