Pipe Round Steel Poles Designed for Catenary Systems

FIXTURE TYPE: _____

PROJECT NAME: _____



Shown with catenary mounting and cables provided by Structura.

Straight steel pipe upright for pedestrian or roadway fixtures and catenary system loading

FEATURES:

- Roadway or pedestrian pole heights up to 30′
- Available in multiple sizes and wall thickness based upon the loading requirements
- Fixture mounting with drill pattern, tenon, or mast arm

SPECIFICATIONS:

CONSTRUCTION: Formed A500 structural steel pipe welded to an A572 steel baseplate with welded on steel padeyes for catenary systems.

ELECTRICAL: Wireway access is provided through a gasketed NEC compliant handhole with grounding provisions.

FINISHES AND MATERIALS: All metal parts are polyester powder coat painted to AAMA-2604 standards. 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, tenon top, horizontal mast arm, or using one of Structura's arm options.



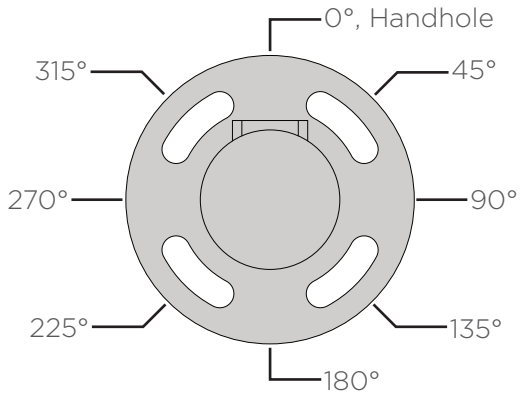
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Catalog Number			
PIPE- - - - - - - - -STD			
Callout	Height	Angle	Mounting Type

Ordering Example

Catalog Number			
PIPE-18-8-S-C7-FIX1-CAT2-BC-STD			
Callout	Height	Angle	Mounting Type
FIX1	16	0°	Bolt Pattern
CAT1	17	135°	Padeye
CAT2	17	225°	Padeye



ORDERING GUIDE: EXAMPLE: PIPE-18-S-C7-FIX1-CAT2-BC-STD

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

1 Series

PIPE	Pipe

2 Shaft Shape

S	Straight
T	Tiered

3 Pole Height

10	10′
**	Specify
30	30′

4 Pole Size[1]

4	Ø4.5″
5	Ø5.6″
6	Ø6.6″
**	To Be Determined

5 Wall

S	Standard
T	Thick

6 Pole Finish

C*	See color options on finishes technical sheet
CSM	Custom Color

7 Fixture Quantity

FIX1	1
FIX2	2
FIX3	3
FIX*	Specify

8 Padeye Quantity

CAT1	1
CAT2	2
CAT3	3
CAT*	Specify

9 Options

BABA	BABA
BNR	Banner Arms[2]
GALV	Galvanization[3]
GFCI	GFCI Box[4]
VD	Vibration Damper

10 Anchor Bolts

BC	Traditional Anchors with Base Cover
TA	Traditional Anchor Bolts

11 Special

STD	Standard

1. Pole sizing specification for non-catenary system poles. Catenary pole sizing to be determined during engineering. Contact Structura for allowable EPA loading.
2. Consult factory for allowable banner size based upon EPA loading.
3. Due to the nature of galvanization, some surface smoothness imperfections can be present.
4. GFCI box comes with in-use or wet location cover. Outlet supplied by others.

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