

# Pipe Round Steel Poles Designed for Catenary Systems

STRUCTURA

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.

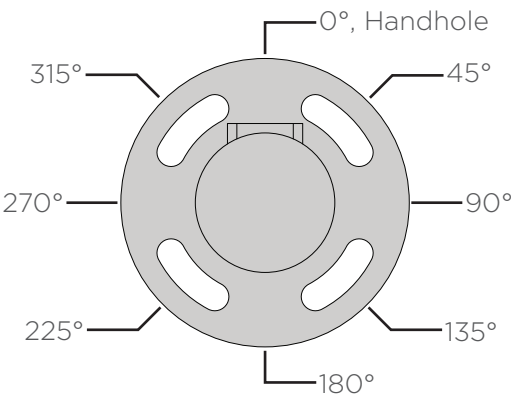


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Catalog Number			
PIPE-	-	-	-STD
Callout	Height	Angle	Mounting Type

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	5	Wall	8	Padeye Quantity
PIPE	Pipe	S	Standard	CAT1	1
		T	Thick	CAT2	2
2	Shaft Shape			CAT3	3
S	Straight	6	Pole Finish	CAT*	Specify
T	Tiered	C*	See color options on finishes technical sheet	9	Options
3	Pole Height	CSM	Custom Color	BNR	Banner Arms <sup>(2)</sup>
10	10'			GALV	Galvanization <sup>(3)</sup>
**	Specify	7	Fixture Quantity	GFCI	GFCI Box
30	30'	FIX1	1	VD	Vibration Damper
4	Pole Size <sup>(1)</sup>	FIX2	2	10	Anchor Bolts
4	Ø4.5"	FIX3	3	BC	Traditional Anchors with Base Cover
5	Ø5.6"	FIX*	Specify	TA	Traditional Anchor Bolts
6	Ø6.6"			11	Special
**	To Be Determined			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.