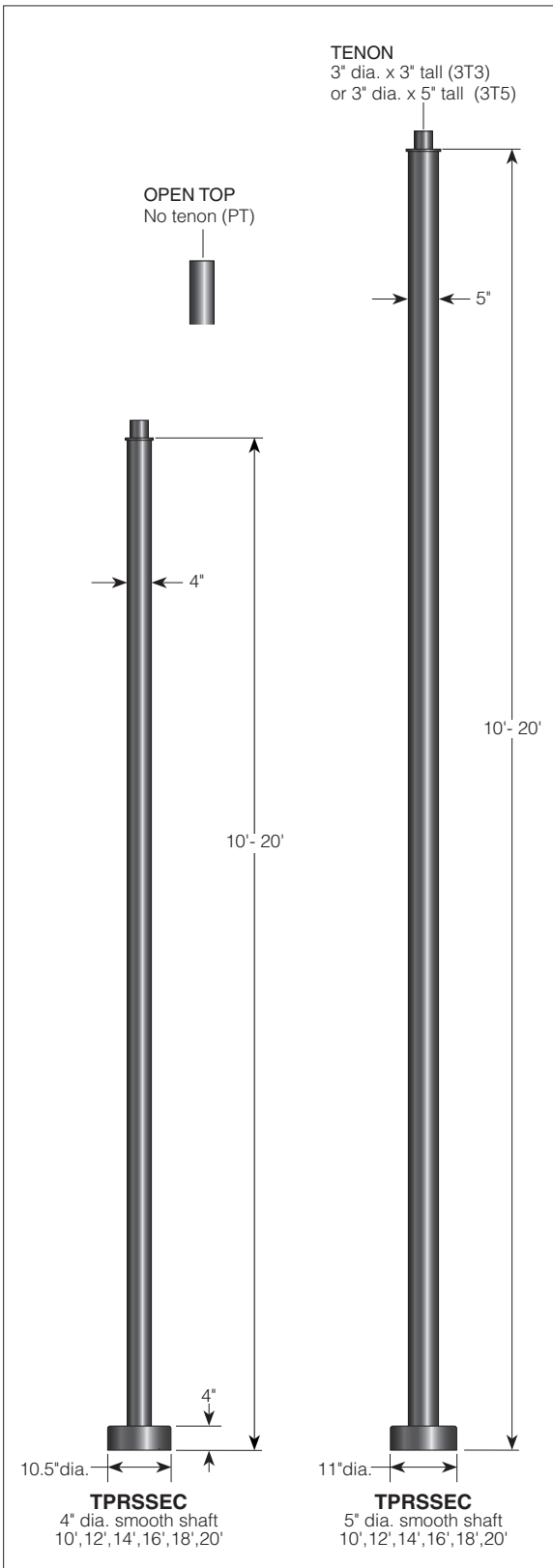


**Round Straight Steel Poles
with EC Base
TPRSSEC**

Catalog Number:

Type:

Project:



Series	Height	Shaft Type	Mounting Method	Finish
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Sample Catalog no:

TPRSSEC	10	4C	3T3	DBL
Series	Height	Shaft Type	Mounting Method	Finish
TPRSSEC	10	4C 4" dia., .125" thk.	3T3 3 x 3" Tenon	DBL Black
	12	5C 5" dia., .125" thk.	3T5 3 x 5" Tenon	DDB Dark Bronze
	14		PT Open Top	DNA Natural Aluminum
	16			DWH White
	18			CM Custom Match
	20			CS Custom Select RAL colors

Note: See following page for details.

Construction

The poles are one-piece, all steel construction with an aluminum two-piece base cover. The two-piece cover is heavy wall, cast aluminum, 10.5" or 11" in diameter. The poles have a straight shaft in 4" or 5" steel tube with integral anchor/base plate. All exposed welds below 10' are dressed. All welding is per ANSI/AWS D1.1. All welders are certified. All exposed hardware is tamper resistant stainless steel.

FINISH: The poles have a powder coat finish utilizing a premium TGIC polyester powder. The finish is a three-stage process which consists of drying, powder application and curing. Before coating, the parts are treated with a five-stage pretreatment process, consisting of a heated alkaline cleaner, rinse, phosphate coating, rinse and sealant.

Installation

The poles are provided with four, 3/4" diameter hot-dip galvanized L-type anchor bolts to be installed on a 7" diameter bolt circle for 4" poles and a 7.5" diameter bolt circle for 5" poles. A handhole with a cover is centered 18" above the bottom of the pole for wiring access. A grounding screw is provided inside the handhole. At the top of the poles is a tenon, 3" diameter by either 3" or 5" tall for luminaire or crossarm mounting or a no tenon option for mounting luminaires with internal expansion collars.

WARNING: Tersen reserves the right to modify specifications without notice. Any dimensions on this spec sheet is to be assumed as a reference dimension used for informational purposes only.

**Round Straight Steel Poles
with EC Base
TPRSSEC**

ORDERING GUIDE

Series	<input type="checkbox"/> TPRSSEC <u>Tersen Poles - Round Straight Steel - EC Base</u>
Height	<input type="checkbox"/> 10 10 feet <input type="checkbox"/> 12 12 feet <input type="checkbox"/> 14 14 feet <input type="checkbox"/> 16 16 feet <input type="checkbox"/> 18 18 feet <input type="checkbox"/> 20 20 feet
Shaft Type	<u>Smooth Straight</u> <input type="checkbox"/> 4C 4" dia. - .12" thk <input type="checkbox"/> 5C 5" dia. - .12" thk
Mounting Method	<input type="checkbox"/> 3T3 3" dia. x 3" tall Tenon <input type="checkbox"/> 3T5 3" dia. x 5" tall Tenon <input type="checkbox"/> PT Open Top 3T3 is standard for most luminaires and crossarms. PT is an open topped shaft with no tenon. See luminaire and crossarm specifications for appropriate mounting method.
Finish	<input type="checkbox"/> DBL Black <input type="checkbox"/> DDB Dark Bronze <input type="checkbox"/> DNA Natural Aluminum <input type="checkbox"/> DWH White <input type="checkbox"/> CM Custom Match <input type="checkbox"/> CS Custom Select This choice requires that a custom powder be manufactured to match a specific color chip provided by the specifier. Tersen offers custom selected RAL powder coat colors. See chart (form 794.3) for cataloged optional colors or contact the factory.

Pole Series	Height	EPA Information (ft2)			
		80mph	90mph	100mph	110mph
TPRSSEC 4C	10 ft	18.5	14.2	11.3	9.2
TPRSSEC 5C		24.0	18.6	15.0	12.0
TPRSSEC 4C	12 ft	15.0	11.6	9.0	7.3
TPRSSEC 5C		19.8	15.5	12.0	9.5
TPRSSEC 4C	14 ft	12.6	9.6	7.5	5.8
TPRSSEC 5C		16.6	12.8	9.8	7.8
TPRSSEC 4C	16 ft	10.3	7.5	5.7	4.4
TPRSSEC 5C		14.0	10.5	8.1	6.2
TPRSSEC 4C	18 ft	8.5	6.3	4.7	3.5
TPRSSEC 5C		11.8	8.7	6.5	4.9
TPRSSEC 4C	20 ft	7.5	5.3	3.4	2.8
TPRSSEC 5C		10.0	7.5	5.5	3.8

