Round Straight Aluminum Poles with RC Base

TPRSARC

Catalog Number:	Type:
Project:	

Series	–	Height	–	Shaft Type	–	Mounting Method	–	Finish

Sample Catalog no:

TPRSARC	8	4C	3T3	DBL
Series	**Height**	**Shaft Type**	**Mounting Method**	**Finish**

Series	Height	Shaft Type	Mounting Method	Finish
TPRSARC	8	4C 4" dia., .125" thk.	3T3 3 x 3" Tenon	DBL Black
	10	4J 4" dia., .25" thk.	3T5 3 x 5" Tenon	DDB Dark Bronze
	12	5C 5" dia., .125" thk.	PT Open Top	DNA Natural Aluminum
	14	5J 5" dia., .25" thk.		DWH White
	16			CM Custom Match
				CS Custom Select RAL colors

Note: See following page for details.

Construction

The poles are all aluminum, one-piece construction. The base is heavy wall, cast aluminum, 19" in diameter. The shafts are 4" or 5" diameter in smooth extruded aluminum. The shafts are double welded, inside and outside the base. All exposed welds below 10' are dressed. All welding is per AWS D1.2/D1.2M:2003. 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 14" diameter bolt circle. A door is provided in the base for anchorage and wiring access. A grounding screw is provided inside the base opposite the door. 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.

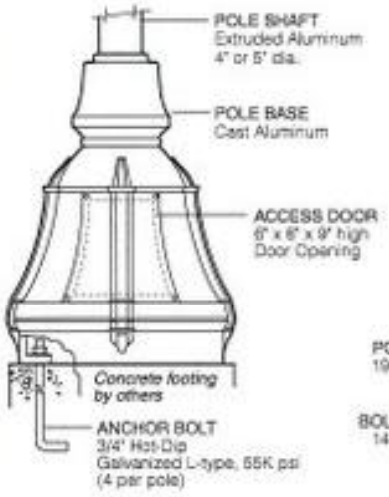
Tersen™ | 1400 Lester Rd., Conyers, GA 30012 | ph. 770-922-9000 | www.tersenlighting.com

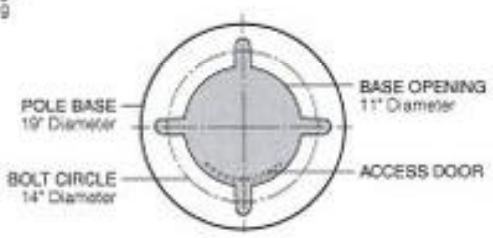
Round Straight Aluminum Poles with RC Base
TPRSARC

ORDERING GUIDE

Series	☐ **TPRSARC** Tersen Poles - Round Straight Aluminum - RC Base
Height	☐ **8** 8 feet ☐ **10** 10 feet ☐ **12** 12 feet ☐ **14** 14 feet ☐ **16**[1] 16 feet Poles with 4" diameter shafts are available with heights 8' - 14'. Poles with 5" diameter shaft is available with heights 10' - 16'.
Shaft Type	Smooth Straight ☐ **4C** 4" dia. - .125" thk ☐ **4J** 4" dia. - .25" thk ☐ **5C**[1] 5" dia. - .125" thk ☐ **5J** 5" dia. - .25" thk 1. 16' not available with 5C shaft type Note: Consult factory for appropriate shaft thickness.
Mounting Method	☐ **3T3**[2] 3" dia. x 3" tall Tenon ☐ **3T5** 3" dia. x 5" tall Tenon ☐ **PT**[3] Open Top See luminaire and crossarm specifications for appropriate mounting method. 2. 3T3 is standard for most luminaires and some crossarms. 3. PT is an open topped shaft with no tenon. PT only available with 4C or 5C shaft.
Finish	☐ **DBL** Black ☐ **DDB** Dark Bronze ☐ **DNA** Natural Aluminum ☐ **DWH** White ☐ **CM** Custom Match ☐ **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 catalogued optional colors or contact the factory.

Pole Series	Height	EPA Information (ft2)			
		80mph	90mph	100mph	110mph
TPRSARC 4C	8 ft	10.7	8.5	6.7	5.4
TPRSARC 4J		20.7	16.2	13.1	10.7
TPRSARC 4C	10 ft	8.0	6.2	4.9	3.9
TPRSARC 4J		16.0	12.4	9.9	8.0
TPRSARC 5C		13.0	10.0	8.0	6.4
TPRSARC 5J		25.8	20.1	16.1	13.2
TPRSARC 4C	12 ft	6.3	4.7	3.5	2.8
TPRSARC 4J		12.7	9.8	7.7	6.2
TPRSARC 5C		10.3	7.8	6.0	4.8
TPRSARC 5J		20.7	16.2	12.8	10.3
TPRSARC 4C	14 ft	4.9	3.5	2.6	1.9
TPRSARC 4J		10.4	7.9	6.1	4.8
TPRSARC 5C		8.2	6.1	4.6	3.5
TPRSARC 5J		17.1	13.2	10.4	8.3
TPRSARC 5J	16 ft	14.3	10.9	8.4	6.6





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Site lighting - photometric data

Visual - Area Tool

AcuityBrands

Sunday, December 01, 2013

Design Information

Project Name

Project Description

Your Name
Company Name
Your Phone
Your Email

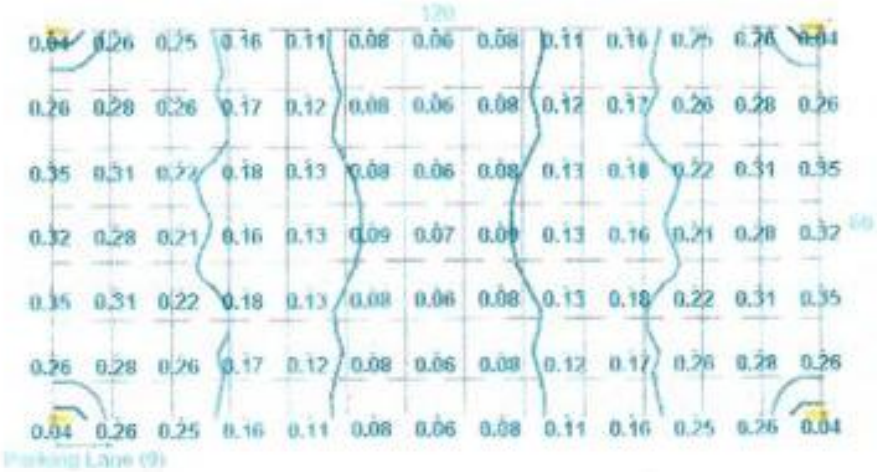
Gail Nordlof
Northleaf Winery
608- 580- 0575
info@northleafwinery.com

Spacing Results

Spacing
120 x 60 ft
Area Between Poles
7,200 ft²
Wattage / Area
0.01 W/ft²
Optional Spacing

Calculation Results

Minimum	0.04 fc
Average	0.18 fc
Maximum	0.35 fc
Max/ Min	8.75
Ave/ Min	4.50
Point Spacing	10.00 x 10.00 ft



0.1 0.2 0.5 1

Antique Street Lamps [E] - TLRC10 18LED 350mA 41K GCF R5 120 DBL

No Photo Available

Configuration	Single	Orientation	0°	Lamp Lumens	1285
Mounting Height	20 ft	Tilt	0°	Lamp Quantity	1
Light Loss Factor	1	Arm Length	1 ft	Input Power	23 Watts

These lighting calculation results are for general informational purposes only and are provided without warranty as to accuracy, completeness, reliability or otherwise. Results are based on user provided data and data provided from publicly available sources; actual field conditions may affect calculated output. Visit: www.Visual-3D.com.