



# Composite Light Poles

500, 700, 1000, 1200 Series | 100 MPH

Model No.	Shaft Length (Ft)	Tip O.D. (In)	Nominal Butt O.D. (In)	Nominal Pole Weight	Nominal Bolt Circ. (In)	Bolt Size (In)	Maximum Allowable Weight	Max. EPA* 100 MPH
<b>500 Series</b>								
A515	15	5.3	8.3	55	11-12	1 x 36 + 4 6T	35	5
A520	20	5.3	8.3	63	11-12	1 x 36 + 4 6T	45	5
A525	25	5.3	8.3	94	11-12	1 x 36 + 4 6T	60	5
A530	30	5.3	8.5	113	11-12	1 x 36 + 4 6T	85	5
A535	35	5.3	8.5	137	11-12	1 x 36 + 4 6T	100	5
A540	40	5.3	8.5	162	11-12	1 x 36 + 4 6T	125	5
<b>700 Series</b>								
A715	15	5.3	8.3	63	11-12	1 x 36 + 4 6T	45	7
A720	20	5.3	8.3	78	11-12	1 x 36 + 4 6T	60	7
A725	25	5.3	8.3	94	11-12	1 x 36 + 4 6T	70	7
A730	30	5.3	8.5	116	11-12	1 x 36 + 4 6T	95	7
A735	35	5.3	8.5	148	11-12	1 x 36 + 4 6T	120	7
A740	40	5.3	8.5	154	11-12	1 x 36 + 4 6T	135	7
<b>1000 Series</b>								
A1015	15	5.4	8.3	63	11-12	1 x 36 + 4 6T	55	10
A1020	20	5.4	8.3	79	11-12	1 x 36 + 4 6T	70	10
A1025	25	5.4	8.5	115	11-12	1 x 36 + 4 6T	85	10
A1030	30	5.4	8.5	134	11-12	1 x 36 + 4 6T	105	10
A1035	35	5.4	8.5	162	11-12	1 x 36 + 4 6T	130	10
A1040	40	5.4	8.5	186	11-12	1 x 36 + 4 6T	150	10
<b>1200 Series</b>								
A1215	15	6.4	12.5	157	18	1 x 36 + 4 6T	75	12
A1220	20	6.4	12.5	179	18	1 x 36 + 4 6T	90	12
A1225	25	6.4	12.5	209	18	1 x 36 + 4 6T	105	12
A1230	30	6.4	12.5	239	18	1 x 36 + 4 6T	125	12
A1235	35	6.4	12.5	272	18	1 x 36 + 4 6T	140	12
A1240	40	6.4	12.5	310	18	1 x 36 + 4 6T	175	12

A = Anchor Base

**NOTES\***

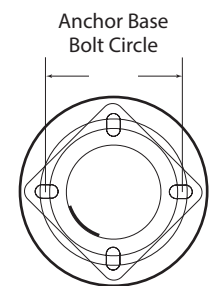
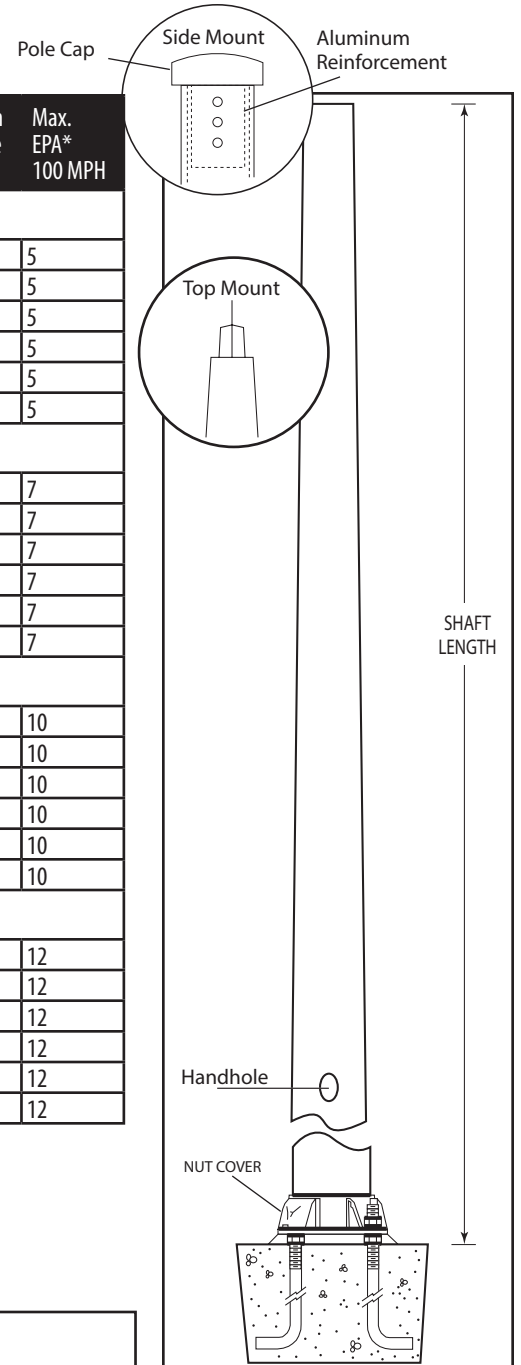
\* EPA recommendations are calculated per AASHTO standards and include a 30% gust factor.

**STANDARD FEATURES**

- 2 3/8" tenon for top mounted luminaire
- non-conductive pole cap for side mounted luminaire
- 2 1/2" x 5" handhole with non-conductive door to match light pole
- aluminum anchor base with nut covers
- standard colors include dark bronze, gray, black and white

**OPTIONAL FEATURES**

- 3" tenon for top mounted luminaire
- 4" tenon for top mounted luminaire
- 4" x 6" handhole with non-conductive door to match light pole
- 4" x 10" handhole with non-conductive door to match light pole
- Four galvanized bolts with two hex nuts and two flat washers
- custom colors
- contact PLP for additional options



**Specifications:**

Provide a Fiber-Reinforced Composite (FRC) Light Pole Model # \_\_\_\_\_ as manufactured by PLP Composite Technologies, Inc., Fitzwilliam, NH 03447. The light pole shall be constructed of polyester resin and fiberglass woven roving with more than 75% of the reinforcing fiberglass in the axial vertical plane. The pole shall be engineered and manufactured to have an EPA rating of \_\_\_\_\_ in winds of 100 MPH with a gust factor of 1.3.

The pole shall be an anchor base style with a mounting height of \_\_\_\_\_', a tip diameter of \_\_\_\_\_", and a base diameter of \_\_\_\_\_".

The anchor base will be 6061-T6 cast aluminum with a \_\_\_\_\_" bolt circle. Anchor bolts as specified will be quoted separately.

It shall be round with a classical ENTASIS taper, with a smooth surface satin brush acrylic finish. The color shall be \_\_\_\_\_.

The pole shall have a 2 1/2" x 5" handhole with a non-conductive door, including vandal resistant screws.

**SELECT MOUNT TYPE:**

**Top Mount Type**

The pole shall be a top mount with

Tenon options:

2 3/8" O.D. x 4 5/8" long

3" O.D. x 4 5/8" long

4" O.D. x 6" long

other

**Side Mount Type**

The pole shall be reinforced with an aluminum sleeve to support bolting. The manufacturer will/will not be required to drill according to luminaire manufacturer's provided template. The pole shall be equipped with a non-conductive pole cap.

PROJECT: \_\_\_\_\_

LOCATION: \_\_\_\_\_

**Model Number Order Code System**

