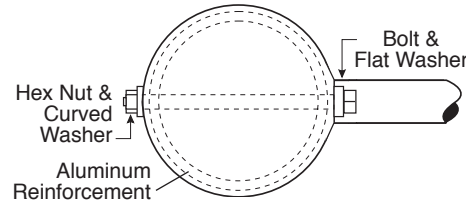




# 6' Mast Arm 700, 1000 & 1200 Series

## ANCHOR BASE Fiberglass Light Poles



Model No.	Nominal Mtg. Ht. (Ft)	Shaft Length (Ft)	Tip O.D. (In)	Nom. Butt O.D. (In)	Bolt Circ (In)	Bolt Size (In)	Max Allowable Weight	Max. EPA*	
								100 MPH	120 MPH

### 700 Series

1 Mast Arm or 2 Mast Arms

A715-M1/6 or A715-M2/6	15	13 3/4	5.3	8.3	11-12	1 x 36 + 4 6T	45	7	4.5
A720-M1/6 or A720-M2/6	20	18 3/4	5.3	8.3	11-12	1 x 36 + 4 6T	60	7	4.5
A725-M1/6 or A725-M2/6	25	23 3/4	5.3	8.3	11-12	1 x 36 + 4 6T	70	7	4.5
A730-M1/6 or A730-M2/6	30	28 3/4	5.3	8.5	11-12	1 x 36 + 4 6T	95	7	4.5
A735-M1/6 or A735-M2/6	35	33 3/4	5.3	8.5	11-12	1 x 36 + 4 6T	120	7	4.5
A740-M1/6 or A740-M2/6	40	38 3/4	5.3	8.5	11-12	1 1/4 x 48 + 4 6T	135	7	4.5

### 1000 Series

1 Mast Arm or 2 Mast Arms

A1015-M1/6 or A1015-M2/6	15	13 3/4	5.3	8.3	11-12	1 x 36 + 4 6T	55	10	6.5
A1020-M1/6 or A1020-M2/6	20	18 3/4	5.3	8.3	11-12	1 x 36 + 4 6T	70	10	6.5
A1025-M1/6 or A1025-M2/6	25	23 3/4	5.3	8.5	11-12	1 x 36 + 4 6T	85	10	6.5
A1030-M1/6 or A1030-M2/6	30	28 3/4	5.3	8.5	11-12	1 x 36 + 4 6T	105	10	6.5
A1035-M1/6 or A1035-M2/6	35	33 3/4	5.3	8.5	11-12	1 x 36 + 4 6T	130	10	6.5
A1040-M1/6 or A1040-M2/6	40	38 3/4	5.3	8.5	11-12	1 1/4 x 48 + 4 6T	150	10	6.5

### 1200 Series

1 Mast Arm or 2 Mast Arms

A1215-M1/6 or A1215-M2/6	15	13 3/4	6.4	12.5	18	1 x 36 + 4 6T	75	12	9.5
A1220-M1/6 or A1220-M2/6	20	18 3/4	6.4	12.5	18	1 x 36 + 4 6T	90	12	9.5
A1225-M1/6 or A1225-M2/6	25	23 3/4	6.4	12.5	18	1 x 36 + 4 6T	105	12	9.5
A1230-M1/6 or A1230-M2/6	30	28 3/4	6.4	12.5	18	1 x 36 + 4 6T	125	12	9.5
A1235-M1/6 or A1235-M2/6	35	33 3/4	6.4	12.5	18	1 x 36 + 4 6T	140	12	9.5
A1240-M1/6 or A1240-M2/6	40	38 3/4	6.4	12.5	18	1 1/4 x 48 + 4 6T	175	12	9.5

A = Anchor Base M = Mast Arm

### Note:

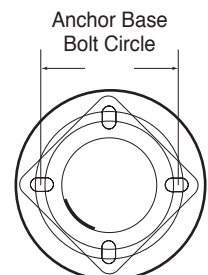
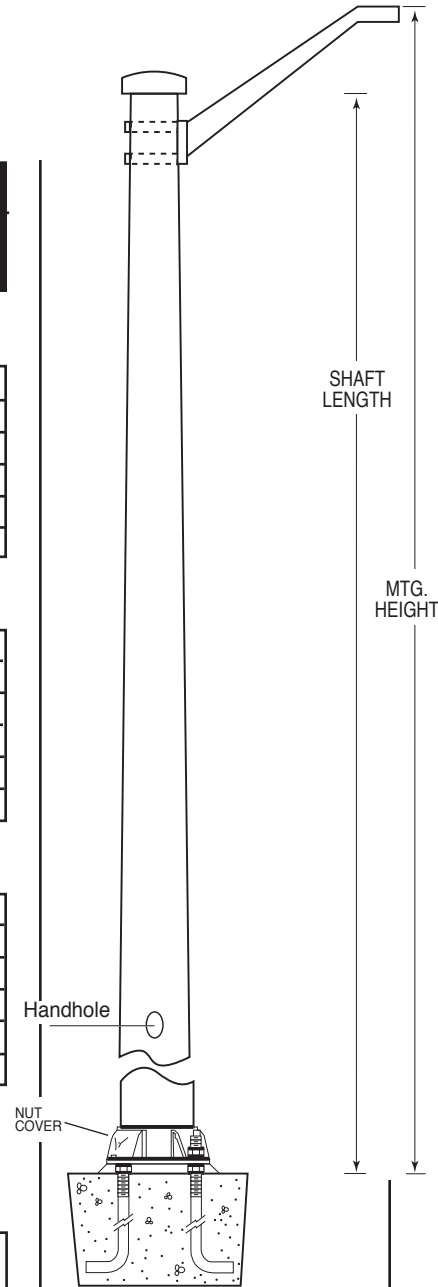
\* EPA recommendations are calculated per AASHTO standards and include a 30% gust factor.

#### Standard features

- mast arm made of 6063-T6-T4 aluminum
- fiberglass pole cap
- 2 1/2" x 5" handhole with aluminum door to match light pole
- arm mounting hardware
- four galvanized bolts with two hex nuts, two flat washers and one lock washer
- aluminum anchor base with nut covers
- standard colors include dark bronze, gray, black and white

#### Optional features

- grounding lug on arm
- 4" x 6" handhole with aluminum door to match light pole
- 4" x 10" handhole with aluminum door to match light pole
- custom colors
- contact PLP for additional options



**Specifications:**

Provide a Fiberglass Reinforced Plastic (FRP) 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. Four galvanized bolts each with two hex nuts, two flat washers, lock nut and bolt cover will be provided.

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 an aluminum door, including vandal resistant screws.

The pole shall be reinforced with an aluminum sleeve to support mast arm mounting.

The mast arm shall be made of 6063-T6 aluminum. It shall be \_\_\_\_\_' long with a rise of \_\_\_\_\_". The manufacturer will drill the mounting holes and supply stainless steel bolts, washer and nuts for field assembly.

**Optional Features:**

(please circle if applicable)

- a) custom color \_\_\_\_\_
- b) 4" x 6" handhole with aluminum door to match light pole
- c) 4" x 10" handhole with aluminum door to match light pole
- d) contact PLP for additional options

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

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