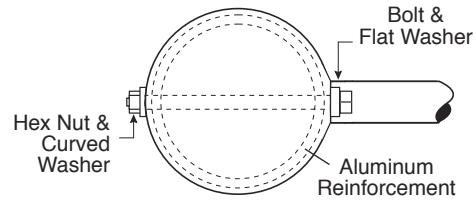




8' Mast Arm 1000 & 1200 Series

DIRECT BURIAL Fiberglass Light Poles



Model No.	Nominal Mtg. Ht. (Ft)	Burial Depth (Ft)	Shaft Length (Ft)	Tip O.D. (In)	Nominal Ground Level O.D. (In)	Max Allowable Weight	Max. EPA*	
							100 MPH	120 MPH

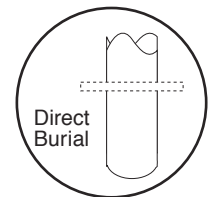
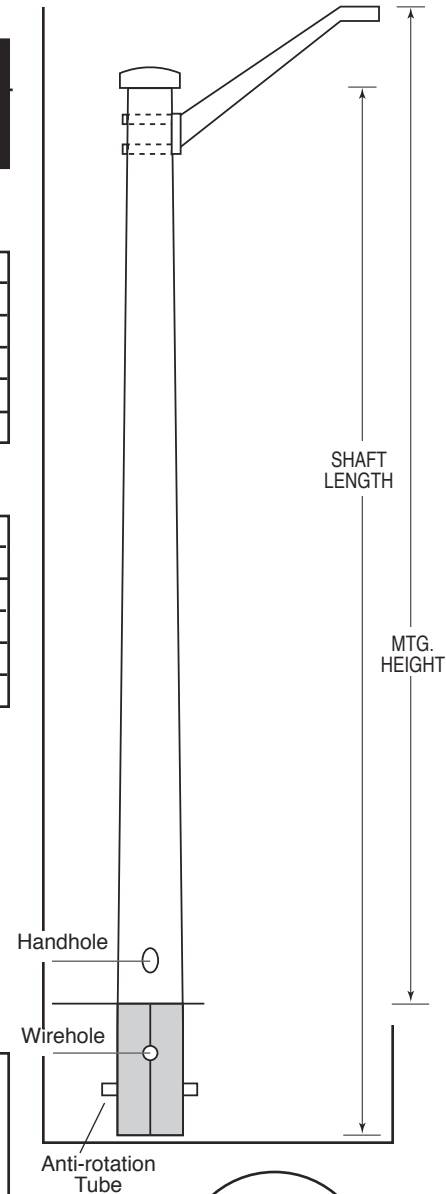
1000 Series 1 Mast Arm or 2 Mast Arms

D1015-M1/8 or D1015-M2/8	15	4	17	5.3	8.0	55	10	6.5
D1020-M1/8 or D1020-M2/8	20	4	22	5.3	8.2	70	10	6.5
D1025-M1/8 or D1025-M2/8	25	5	28	5.3	8.4	85	10	6.5
D1030-M1/8 or D1030-M2/8	30	5	33	5.3	8.5	105	10	6.5
D1035-M1/8 or D1035-M2/8	35	5	38	5.3	8.5	130	10	6.5
D1040-M1/8 or D1040-M2/8	40	5	43	5.3	8.5	150	10	6.5

1200 Series 1 Mast Arm or 2 Mast Arms

D1215-M1/8 or D1215-M2/8	15	4	17	6.4	11.8	75	12	9.5
D1220-M1/8 or D1220-M2/8	20	4	22	6.4	11.9	90	12	9.5
D1225-M1/8 or D1225-M2/8	25	5	28	6.4	12.0	105	12	9.5
D1230-M1/8 or D1230-M2/8	30	5	33	6.4	12.3	125	12	9.5
D1235-M1/8 or D1235-M2/8	35	5	38	6.4	12.6	140	12	9.5
D1240-M1/8 or D1240-M2/8	40	5	43	6.4	12.6	175	12	9.5

D = Direct Burial M = Mast Arm



Notes:

* 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
- 1 3/8" nylon grommeted conductor hole two feet below ground
- anti-rotational base with fiberglass tube
- arm mounting hardware
- 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 direct burial style with a mounting height of _____', and an overall length of _____', allowing for _____' to be below grade. The tip diameter will be _____" and the base diameter _____". An anti-rotational device shall be located above the butt of the pole, consisting of a fiberglass tube extending out from each side of the pole. The pole shall be equipped with a 1 3/8" nylon grommited hole two feet below grade.

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: _____