



DIRECT BURIAL Fiberglass Light Poles

500, 700, 1000 & 1200 Series
Top/Side Mount

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

500 Series

D515	15	3	18	5.3	8.0	35	5	3
D520	20	4	24	5.3	8.0	45	5	3
D525	25	5	30	5.3	8.25	60	5	3
D530	30	5	35	5.3	8.5	85	5	3
D535	35	5	40	5.3	8.5	100	5	3
D540	40	5	45	5.3	8.5	125	5	3

700 Series

D715	15	3	18	5.3	8.0	45	7	4.5
D720	20	4	24	5.3	8.0	60	7	4.5
D725	25	5	30	5.3	8.25	70	7	4.5
D730	30	5	35	5.3	8.5	95	7	4.5
D735	35	5	40	5.3	8.5	120	7	4.5
D740	40	5	45	5.3	8.5	135	7	4.5

1000 Series

D1015	15	3	18	5.4	8.0	55	10	6.5
D1020	20	4	24	5.4	8.25	70	10	6.5
D1025	25	5	30	5.4	8.5	85	10	6.5
D1030	30	5	35	5.4	8.5	105	10	6.5
D1035	35	5	40	5.4	8.5	130	10	6.5
D1040	40	5	45	5.4	8.5	150	10	6.5

1200 Series

D1215	15	3	18	6.4	12.0	75	12	9.5
D1220	20	4	24	6.4	12.0	90	12	9.5
D1225	25	5	30	6.4	12.0	105	12	9.5
D1230	30	5	35	6.4	12.25	125	12	9.5
D1235	35	5	40	6.4	12.5	140	12	9.5
D1240	40	5	45	6.4	12.5	175	12	9.5

D = Direct Burial

Notes:

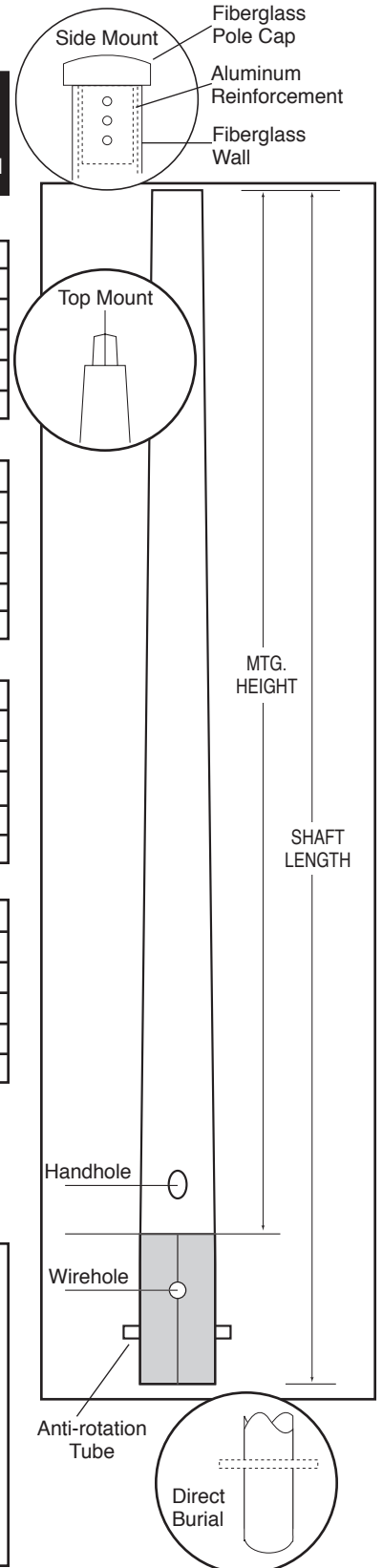
* EPA recommendations are calculated per AASHTO standards and include a 30% gust factor.

Standard features

- 2 3/8" tenon for top mounted luminaire
- fiberglass pole cap for side mounted luminaire
- 2 1/2" x 5" handhole with aluminum door to match light pole
- 1 3/8" nylon grommeted conductor hole below ground
- anti-rotational base with fiberglass tube
- 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 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 grommeted 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.

SELECT MOUNT TYPE:

Top Mount Type

The pole shall be a top mount with a 2 3/8" O.D. by 4 5/8" tenon.

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 fiberglass pole cap.

Optional Features:

(please circle if applicable)

- a) custom color _____
- b) 3" O.D. x 4 5/8" tenon
- c) 4" O.D. x 6" tenon
- d) 4" x 6" handhole with aluminum door to match light pole
- e) 4" x 10" handhole with aluminum door to match light pole
- f) contact PLP for additional options

PROJECT: _____

LOCATION: _____