



Direct Burial

Composite Light Poles

500, 700, 1000, 1200 Series | 100 MPH

Model No.	Nominal Mtg. Ht. (Ft)	Burial Depth (Ft)	Shaft Length (Ft)	Nominal Pole Weight	Tip O.D. (In)	Nominal Ground Level O.D. (In)	Maximum Allowable Weight	Max. EPA* 100 MPH
500 Series								
D515	15	3	18	53	5.3	8.0	35	5
D520	20	4	24	61	5.3	8.0	45	5
D525	25	5	30	96	5.3	8.25	60	5
D530	30	5	35	115	5.3	8.5	85	5
D535	35	5	40	141	5.3	8.5	100	5
D540	40	5	45	193	5.3	8.5	125	5
700 Series								
D715	15	3	18	61	5.3	8.0	45	7
D720	20	4	24	76	5.3	8.0	60	7
D725	25	5	30	96	5.3	8.25	70	7
D730	30	5	35	119	5.3	8.5	95	7
D735	35	5	40	152	5.3	8.5	120	7
D740	40	5	45	214	5.3	8.5	135	7
1000 Series								
D1015	15	3	18	61	5.4	8.0	55	10
D1020	20	4	24	76	5.4	8.25	70	10
D1025	25	5	30	119	5.4	8.5	85	10
D1030	30	5	35	138	5.4	8.5	105	10
D1035	35	5	40	171	5.4	8.5	130	10
D1040	40	5	45	230	5.4	8.5	150	10
1200 Series								
D1215	15	3	18	90	6.4	12.0	75	12
D1220	20	4	24	122	6.4	12.0	90	12
D1225	25	5	30	160	6.4	12.0	105	12
D1230	30	5	35	192	6.4	12.25	125	12
D1235	35	5	40	225	6.4	12.5	140	12
D1240	40	5	45	295	6.4	12.5	175	12

D = Direct Burial

NOTES*

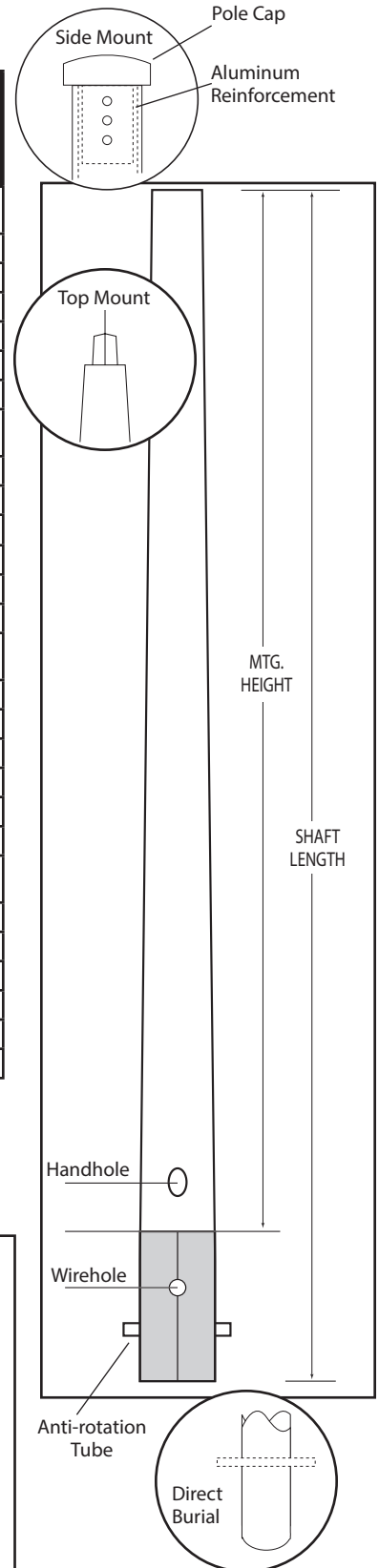
* EPA recommendations are calculated per AASHTO standards and include a 30% gust factor.

STANDARD FEATURES

- 2 3/8" tenon for top mounted luminaire
- non-conductive pole cap for side mounted luminaire
- 2 1/2" x 5" handhole with non-conductive door to match light pole
- 1 3/8" nylon grommeted conductor hole below ground
- anti-rotational 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 non-conductive door to match light pole
- 4" x 10" handhole with non-conductive door to match light pole
- 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 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 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 a non-conductive door, including vandal resistant screws.

SELECT MOUNT TYPE:

Top Mount Type

The pole shall be a top mount.

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

