



Direct Burial

Composite Light Poles

300 Series | 100 MPH

300 SERIES DIRECT BURIAL LIGHT POLES TOP MOUNT

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)	Max. Allowable Weight	Max. EPA* 100 MPH
D310	10	3	13	29	4.5	5.3	15	3
D311	11	3	14	31	4.5	5.3	15	3
D312	12	3	15	32	4.5	5.5	20	3
D313	13	3	16	34	4.5	5.5	20	3
D314	14	3	17	36	4.5	5.5	20	3
D315	15	3	18	37	4.5	5.5	25	3
D316	16	3	19	39	4.5	5.75	25	3
D317	17	3	20	44	4.5	6.3	30	3
D318	18	3	21	46	4.5	6.5	30	3
D319	19	3	22	51	4.5	6.5	35	3
D320	20	4	24	57	4.5	6.5	40	3
D322	22	4	26	62	4.5	6.5	45	3
D324	24	4	28	67	4.5	6.75	50	3
D325	25	5	30	70	4.5	6.75	55	3
D330	30	5	35	112	5.3	8.5	70	3
D335	35	5	40	133	5.3	8.5	90	3
D340	40	5	45	176	5.3	8.5	110	3

D = Direct Burial

NOTES*

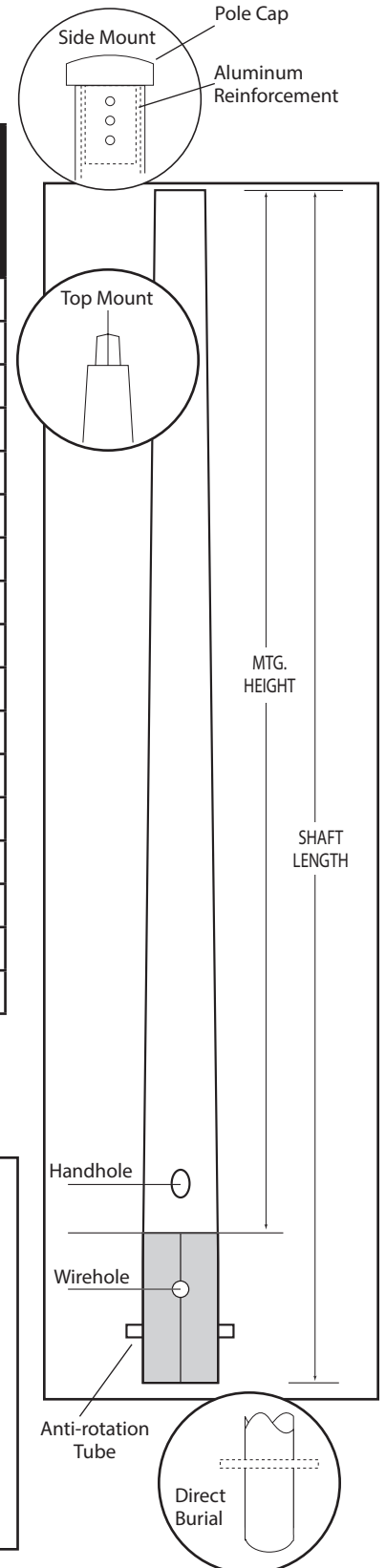
* EPA recommendations are calculated per AASHTO standards and include a 30% gust factor.

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
- 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 3 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 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 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

