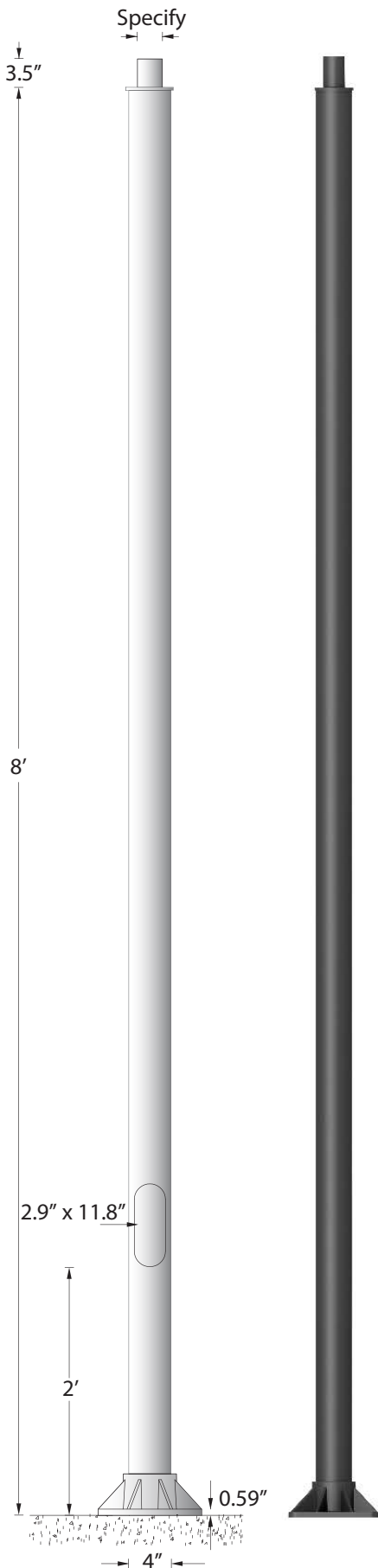


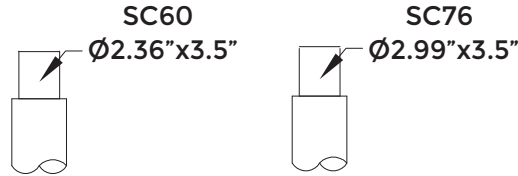
APD-RSA-4018-8'-4.0" DIA .188"

Round Straight Aluminum Pole

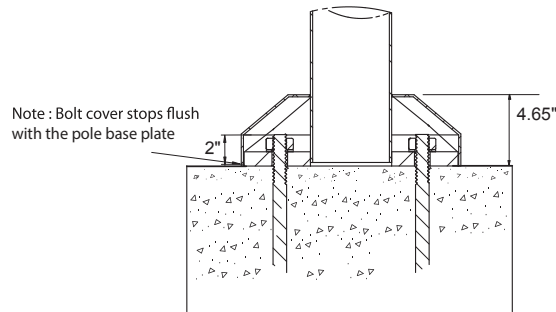
LIGMAN
LIGHTING USA



Tenon Post Top



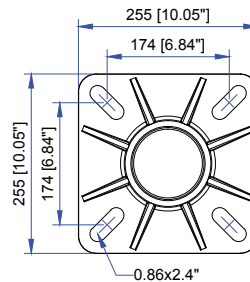
Pole Mount Install Notes



A level concrete base is poured and finished flush. This provides a uniform load displacement pad for the forces created by wind and luminaire weight

Failing to do this voids pole warranty
Foundation and Design by Others

Mounting Base



Not to scale template:

This drawing is being furnished for reference dimensions only and cannot be used as a template to set anchor bolts. Since it is "not to scale" Ligman accepts no responsibility for its intended use. Refer to site plans and specification before installing any anchor bolts.

• Contact Ligman Lighting USA for bolt template prior to pouring anchor bolts.

Wind Load Map

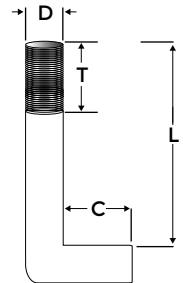


Physical Data

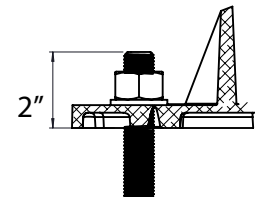
Pole Height: 8'
Pole Diameter: 4"
Thickness: 0.188"
Weight: 23.8 lbs

Anchor Bolt

D x L x C x T
3/4 x 18 x 4 x 6



Bolt Projection



Die-Cast Base Cover

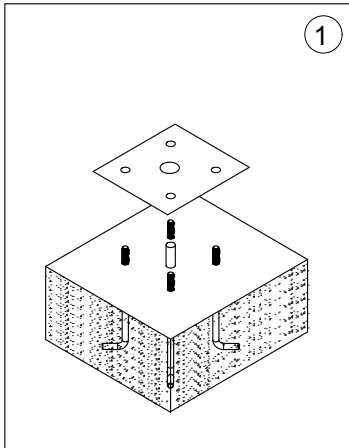
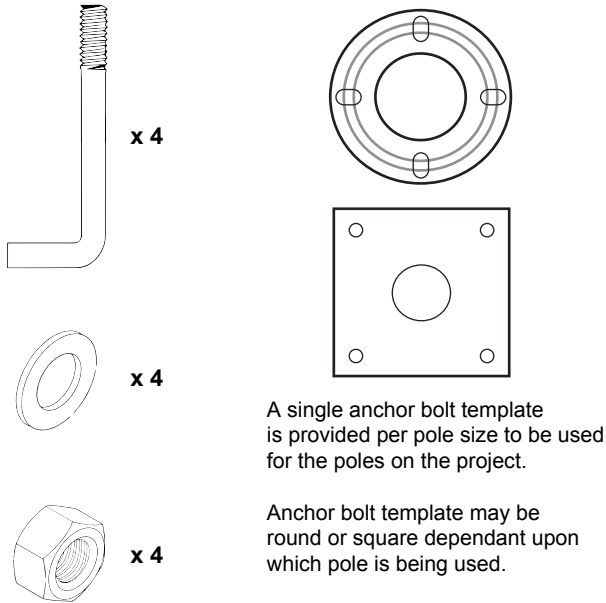


Maximum EPA

MPH	90	100	110	120	130
EPA	11.4	9.0	8.3	6.8	5.6

Anchor Bolt Installation for Poles

What's Included Per Pole



Use anchor bolt template to set anchor bolts into concrete as per civil engineering instructions.

Ligman does not provide foundation details. A local engineer that is familiar with the site soil conditions should provide this information.

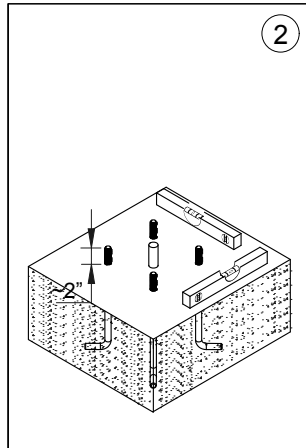
NOTE:

Ligman does not recommend using leveling bolts for pole installations.

Leveling shims can be provided, contact Ligman for more information.

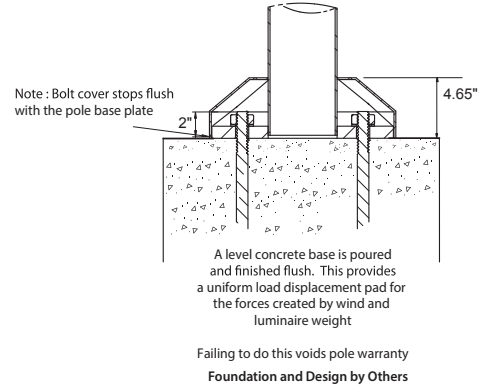


Leveling Shim Example



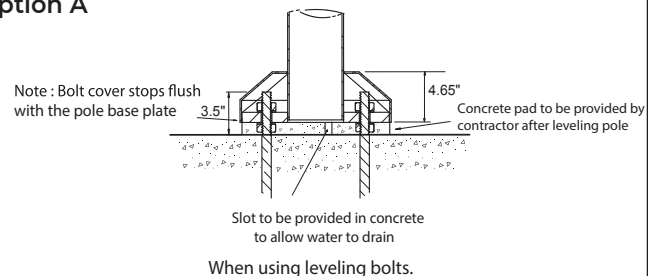
Ensure that the concrete is plumb using a level. Failing to do this will result in pole being uneven or tilted.

Preferred Pole Installation



In rare instances where leveling bolts have to be used, it is important that a flush concrete surface is created to mount the pole base plate.
NOTE: When using leveling bolts, bolt projection should be 3.5"

Using Leveling Bolts Option A

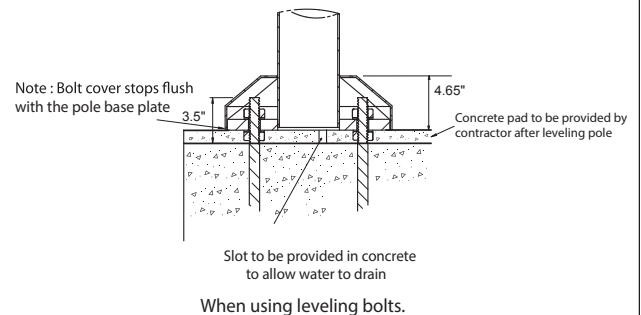


After establishing a level platform the space between the original concrete surface and the pole base should be filled with concrete and finished flush.

This provides a uniform load displacement pad for the forces created by wind and luminaire weight

Foundation and Design by Others

Using Leveling Bolts Option B



After establishing a level platform the space between the original concrete surface and the pole base should be filled with concrete and finished flush.

This provides a uniform load displacement pad for the forces created by wind and luminaire weight