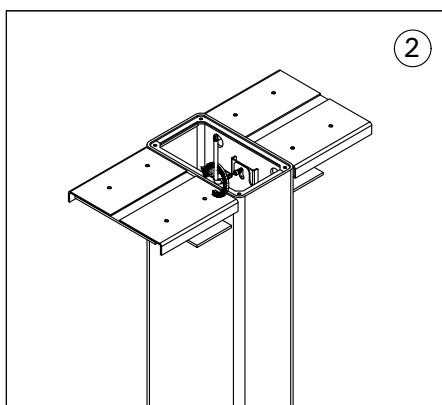
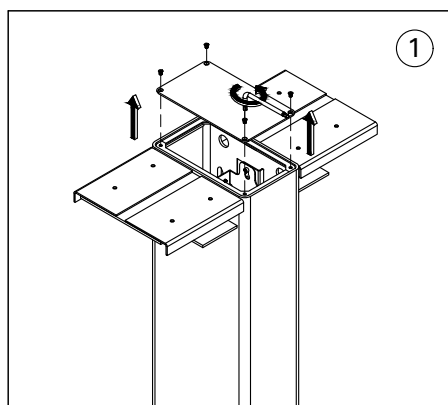
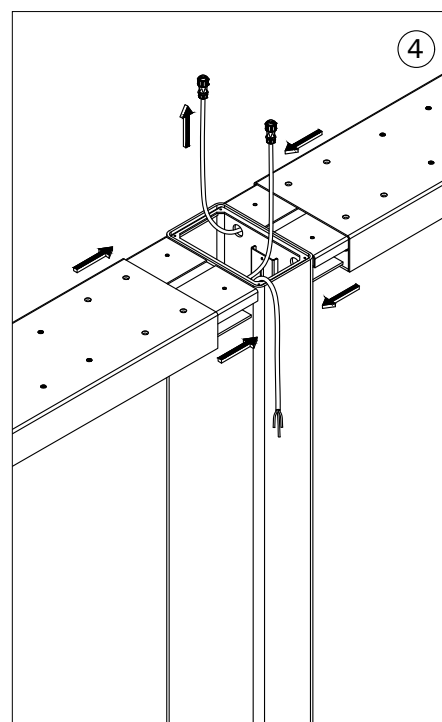
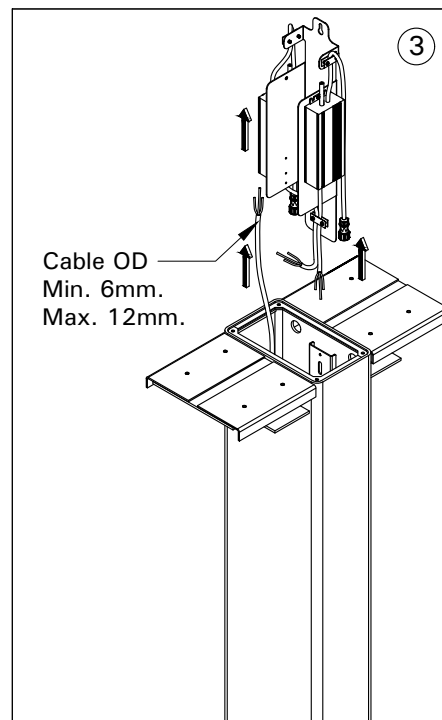
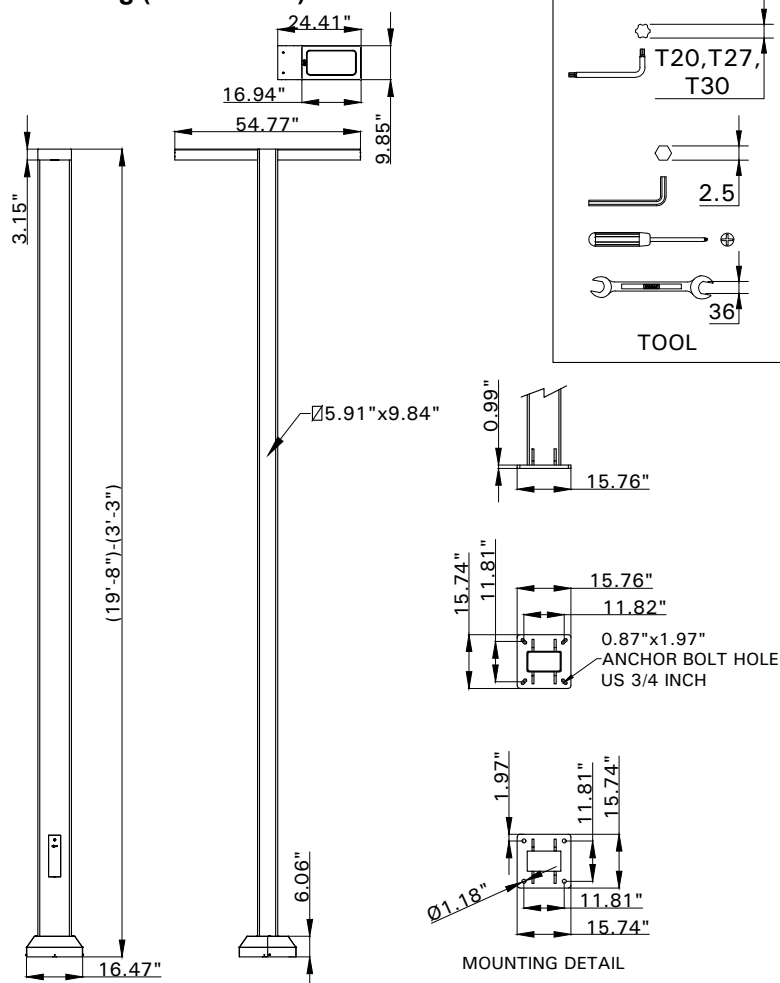


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Model. ULI-21341 and ULI-21342

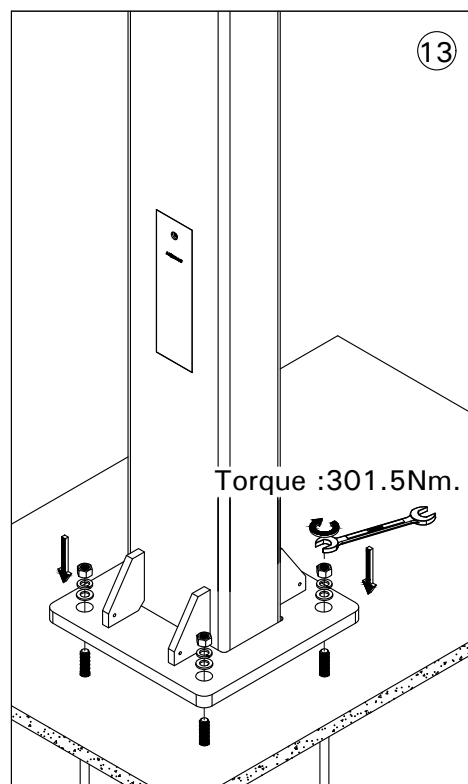
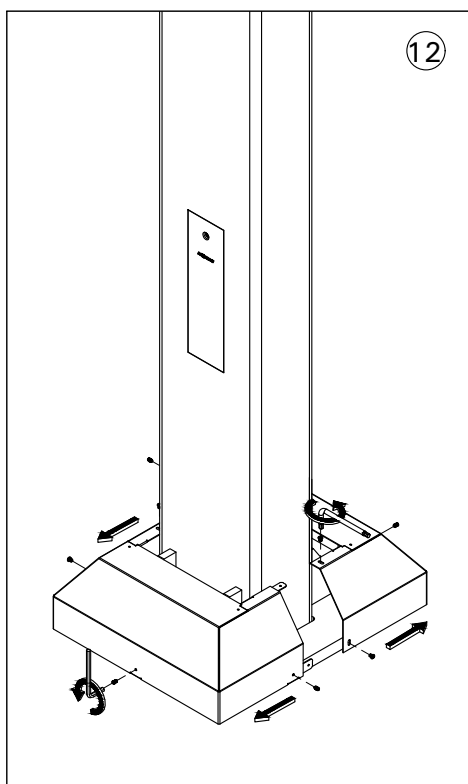
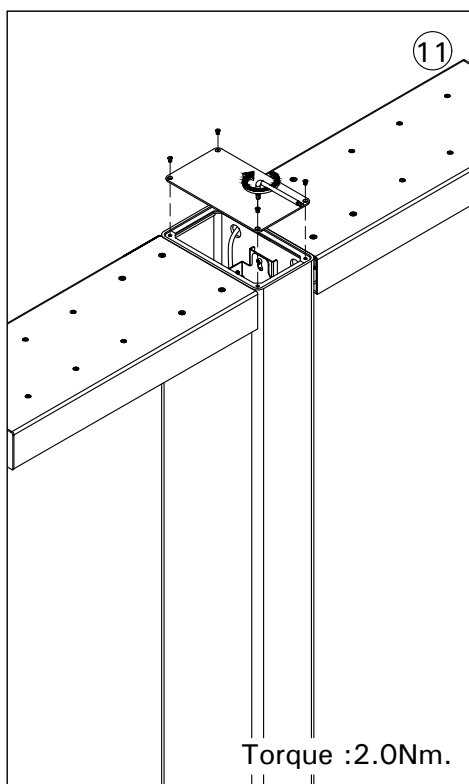
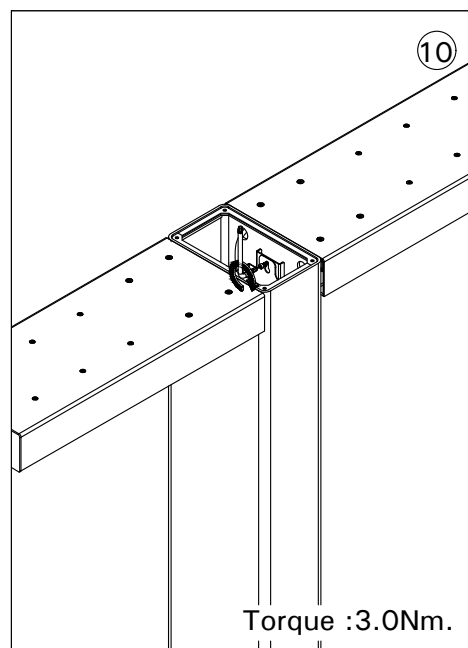
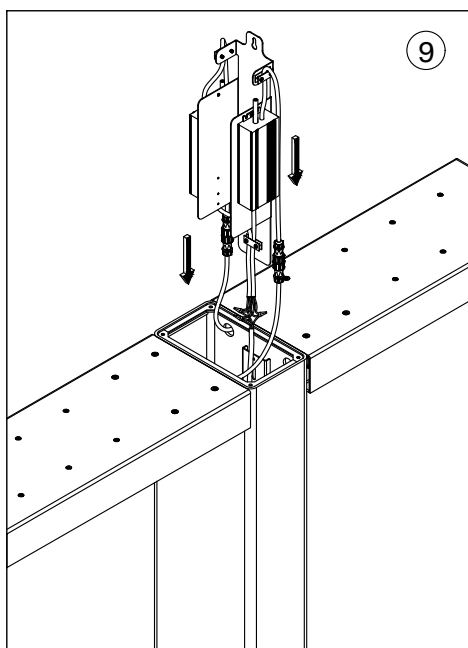
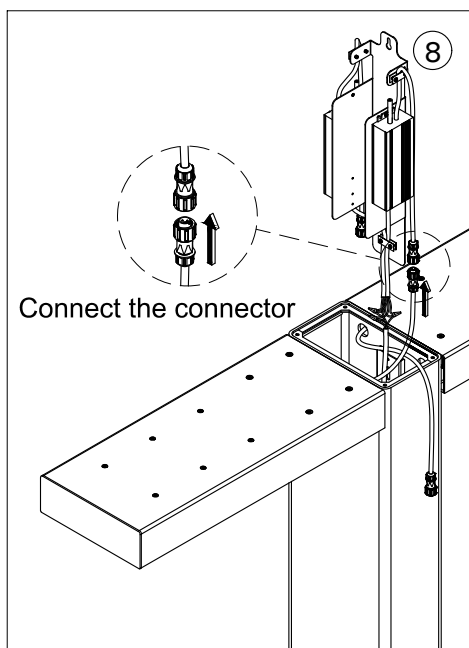
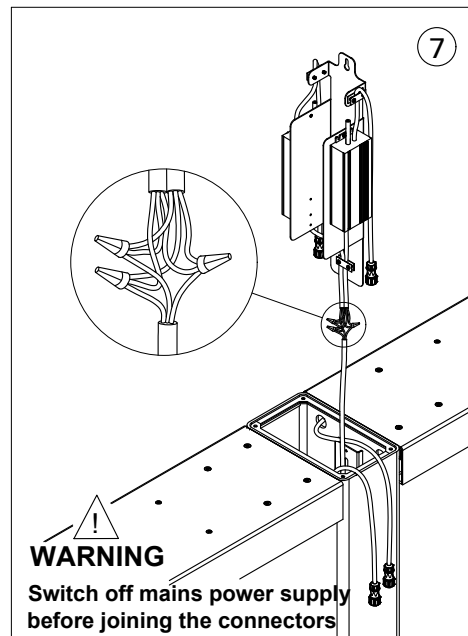
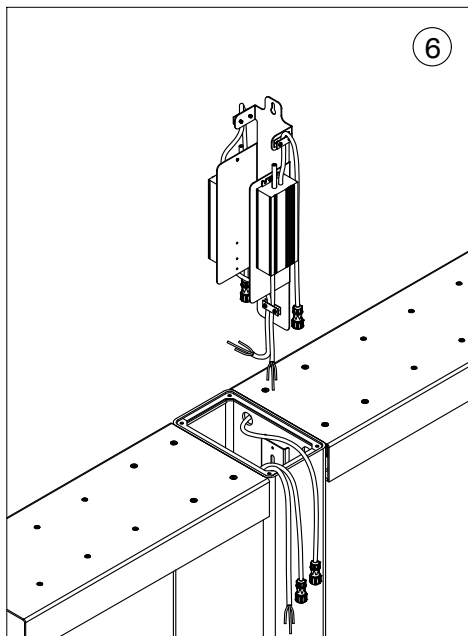
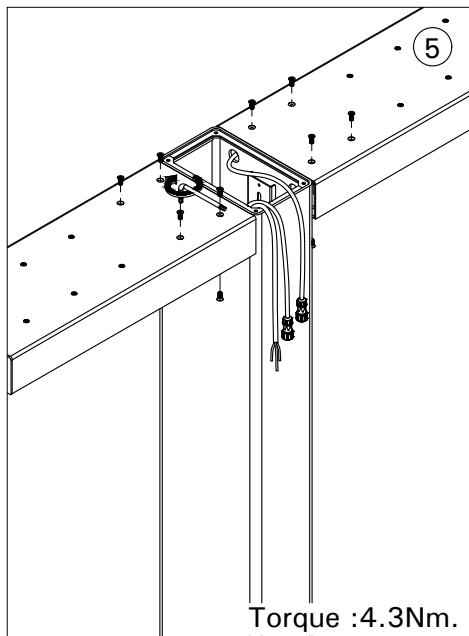
Product drawing (dimensions)

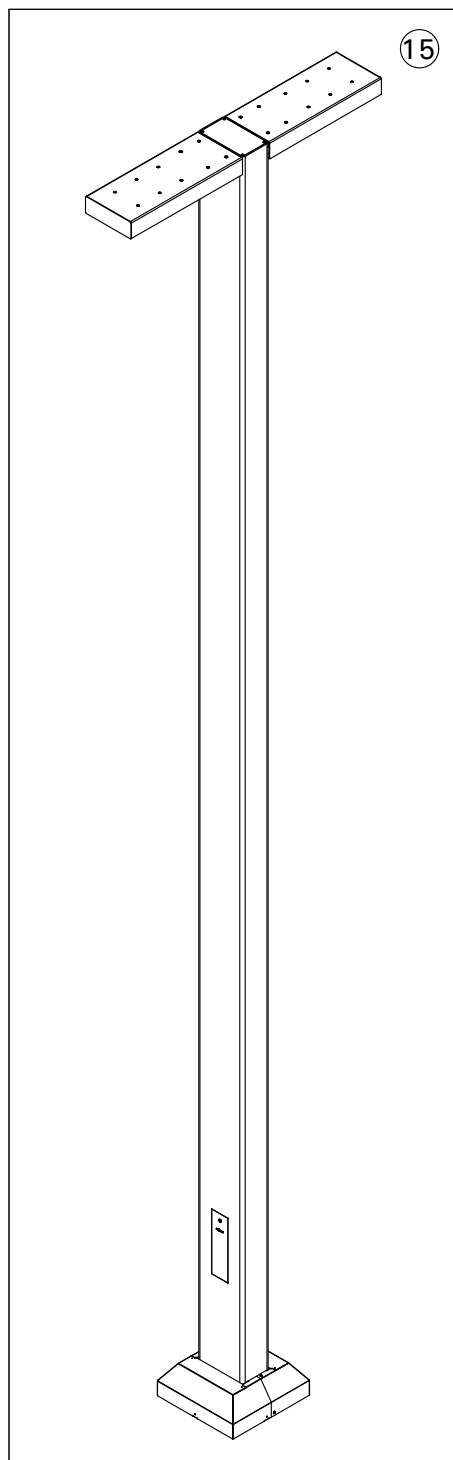
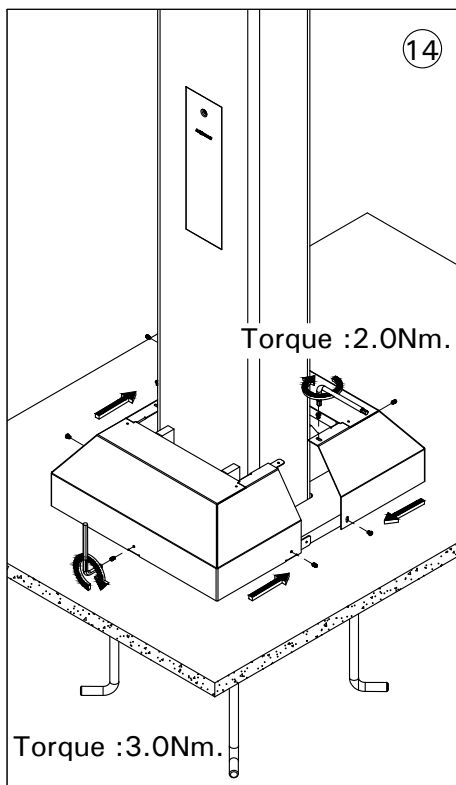


- **LIGMAN standard products are supplied with the control gear 24Vdc.**
The control gear for other voltages and frequencies is available upon request, please consult us for more details.
- **LIGMAN luminaires are designed to conform IEC 60598 2-18 standard.**
Technical amendments and modifications techniques reserved.

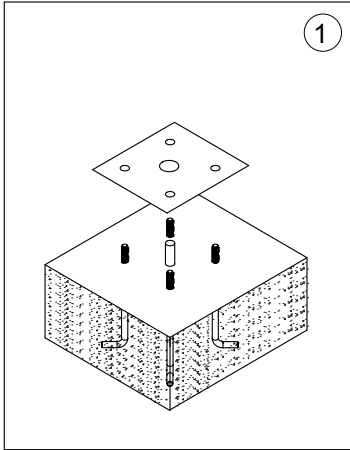
Ligman Lighting USA

7144 NE Progress Court, Hillsboro
Oregon, 97124, USA
Tel : 503 645 0500 | Fax : 503 645 8100





USING LEVELING SHIMS

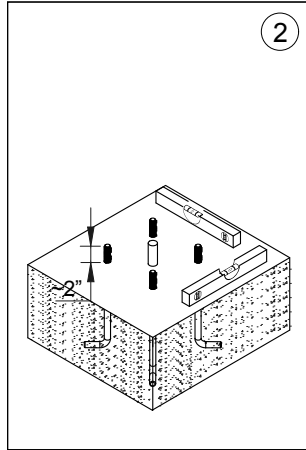


Use anchor bolt template to set anchor bolts into concrete as per civil engineering instructions.

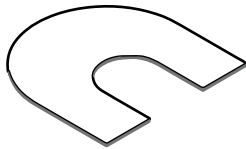
Ligman does not provide foundation details. A local engineer that is familiar with the site soil conditions should provide this information.

NOTE:

Ligman does not recommend using leveling bolts for pole installations.

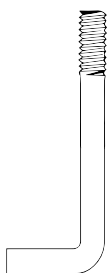


Ensure that the concrete is plumb using a level. Failing to do this will result in pole being uneven or tilted.

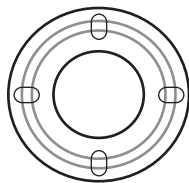


Leveling Shim Example

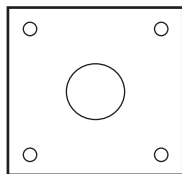
What's Included Per Pole



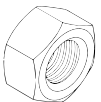
x 4



x 4



A single anchor bolt template is provided per pole size to be used for the poles on the project.



x 4

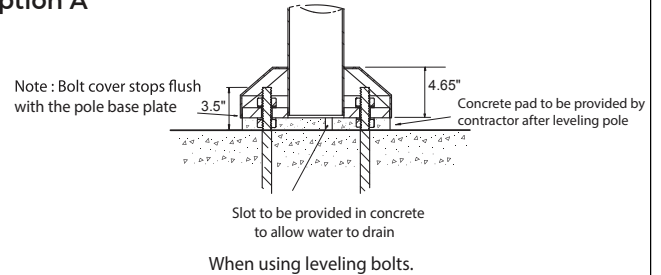
Anchor bolt template may be round or square dependant upon which pole is being used.

USING LEVELING BOLTS

SHOULD THE CONTRACTOR SELECT TO USE THE LEVELING BOLT METHOD, AN ADDITIONAL 4 BOLTS NEED TO BE PURCHASED

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

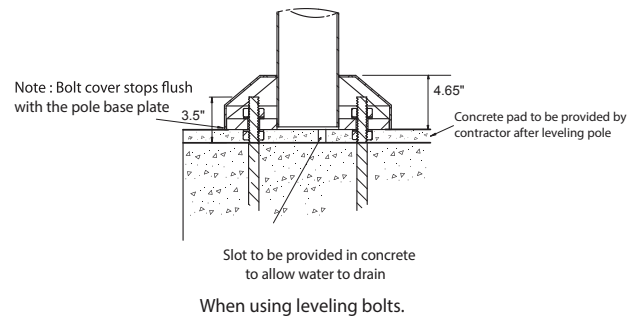


After establishing a level platform the space between the original concrete surface and the pole base should be filled with concrete and finished flush.

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