

JD-A SERIES

STRAIGHT ALUMINUM POLES

ROUND ALUMINUM POLES

Size: Ø4", Ø5", Ø6"

SQUARE ALUMINUM POLES

INCLUDE TENON

Size: 4", 5", 6"



PRODUCT DESCRIPTION

The JD-A Series of Square Aluminum Poles are built from high strength aluminum Square tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application. (Accessories need to purchased separately)

FEATURES

- **FINISH:** Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.
- **ANCHOR BOLTS:** Anchor bolts are not included, sized based on pole data charts for the selected pole size.
- **HAND HOLE:** Cast iron reinforced hand hole and cover with ground screw.
- **BASE COVER:** A two-piece formed steel base cover that is easily assembled and fitted over pole base is available upon request (**sold separately**)
- **POLE LENGTH:** Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

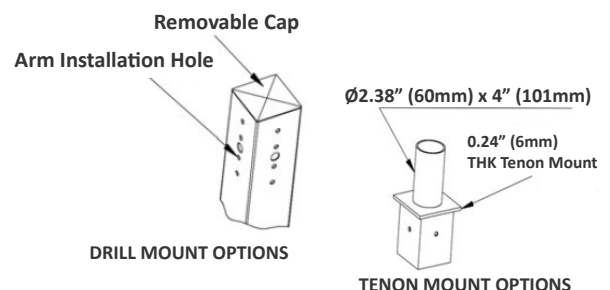
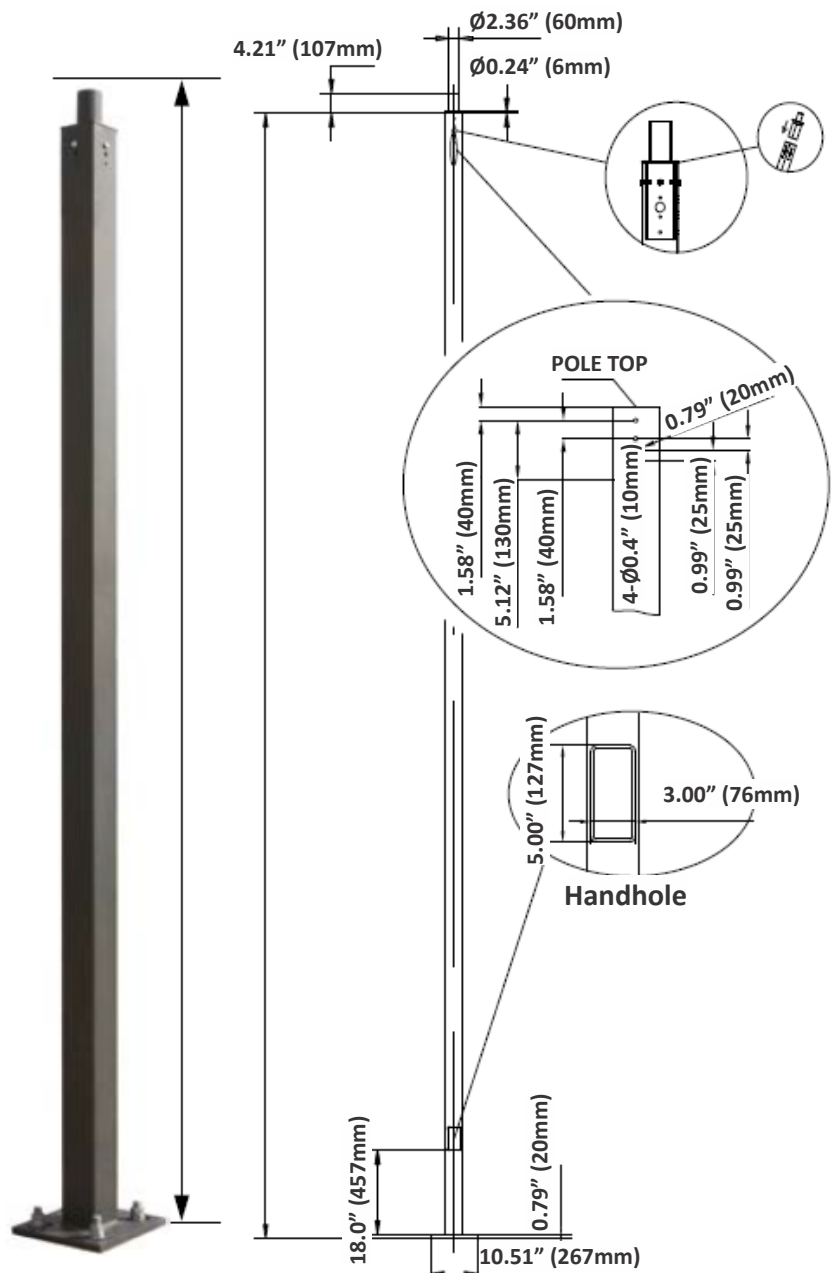
MOUNTING OPTIONS:

- Standard Length Poles Include 2 3/4" OD Tenon, Side Drilled 4@90 Degrees, Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.
- Cut To Order Poles can be Side Drilled for 2@180 Degrees or 4@90 Degrees, Includes Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.
- Cut To Order Poles May Also Be Ordered With 2 3/4" OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.
- Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.

SPECIFICATIONS:

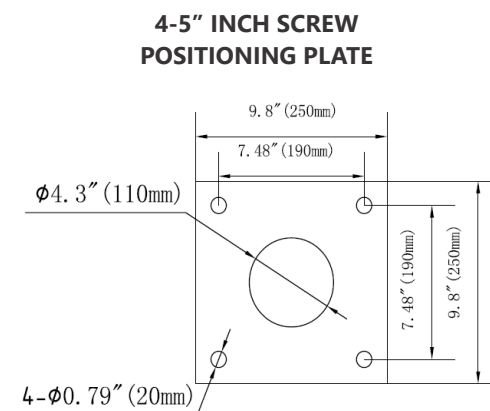
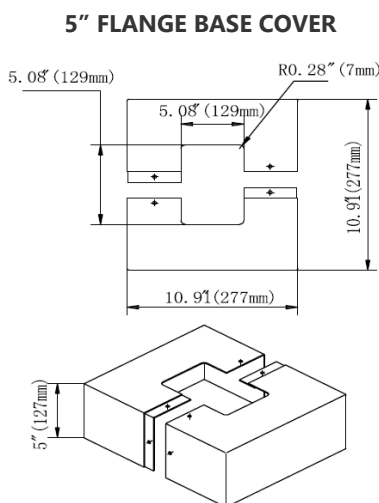
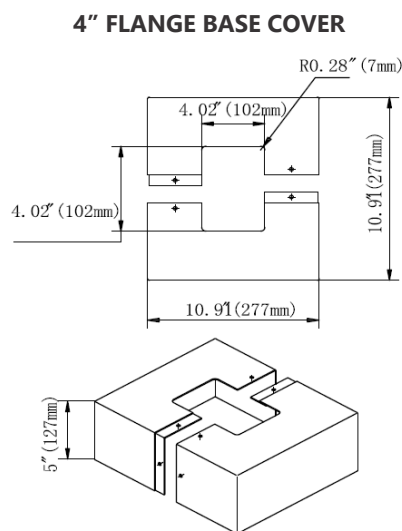
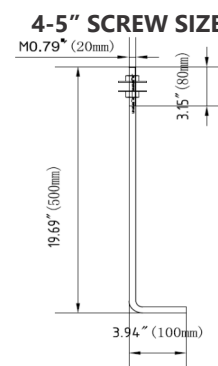
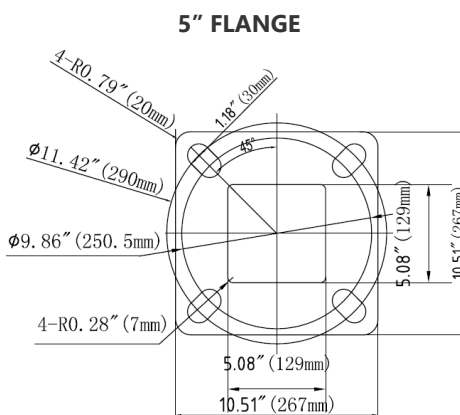
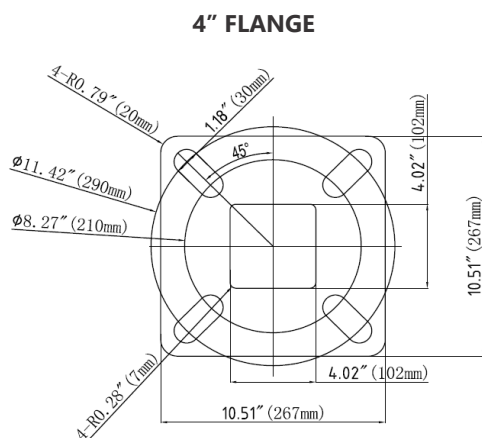
Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI.

SPECIFICATIONS	10FT	15FT	20FT	25FT	30FT
JD-A-S-10FT4-125-D-T					
JD-A-S-15FT4-125-D-T					
JD-A-S-20FT4-125-D-T	L=3.0(m)	L=4.6(m)	L=6.1(m)	L=7.6(m)	L=9.1(m)
JD-A-S-25FT5-255-D-T					
JD-A-S-30FT6-255-D-T					



JD-A SERIES STRAIGHT SQUARE ALUMINUM POLES: 4", 5", 6"

DIMENSION



PRODUCT DIMENSION DATA

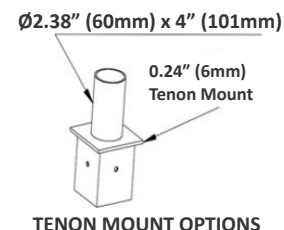
SPECIFICATIONS	HEIGHT	THICKNESS	SHAFT SIZE	BOLT SIZE	POLE WEIGHT (LBS)	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
JD-A-S-10FT4-125-D-T	10FT	0.125"	4" X 4"	0.79" X 19.69" X 3.94"	31 LBS.	13.5	11.3	8.9	7.3	6.8
JD-A-S-15FT4-125-D-T	15FT	0.125"	4" X 4"	0.79" X 19.69" X 3.94"	40 LBS.	7.3	5.1	4.4	3.8	2.9
JD-A-S-20FT4-125-D-T	20FT	0.125"	4" X 4"	0.79" X 19.69" X 3.94"	51 LBS.	3.2	2.6	1.5	0.9	0.3
JD-A-S-25FT5-225-D-T	25FT	0.255"	5" X 5"	0.79" X 19.69" X 3.94"	170 LBS.	8.3	6.2	5.2	4.2	3.6
JD-A-S-30FT6-225-D-T	30FT	0.255"	6" X 6"	0.79" X 31.50" X 3.94"	235 LBS.	10.1	7.0	5.7	3.7	2.4



JADEMAR JD-A SERIES STRAIGHT SQUARE ALUMINUM POLES: 4", 5", 6"

ORDERING INFORMATION / Example: **JD-A-S-10FT-4-125-D-T**

JD-A-S				D	T
Product Series	Height	Size	Thickness	Finish	Mounting
JD-A-S	10FT (3.0 M)				
	15FT (4.6 M)	4 (4" x 4")	125 (0.125")	D (Dark Bronze)	T (Tenon 2.5" Adapter)
	20FT (6.1 M)	5 (5" x 5")	255 (0.255")		
	25FT (7.6 M)	6 (6" x 6")			
	30FT (9.1 M)				



LUMINAIRE CONFIGURATIONS



INSTALLATION INSTRUCTIONS

1. Dig a hole in the installation position of the lamp pole. Fix four fastener fittings according to the hole position of lamp pole and pour with cement concrete (As shown in the figure).

2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole (as shown in the figure).

FOUNDATION REFERENCE SPECIFICATION

Specifications	L	W	H
10-15FT	19.69" (500mm)	19.69" (500mm)	23.62" (600mm)
20-25FT	23.62" (600mm)	23.62" (600mm)	27.56" (700mm)
30 FT	27.56" (700mm)	27.56" (700mm)	39.37" (1000mm)

6" ANCHOR GUIDE

4" / 6" ANCHOR GUIDE

3" x 5" HAND HOLE COVER

Set Screws

The screw to adjust water level



PRODUCT DESCRIPTION

The **Jademar Lighting Series of Straight Square Aluminum Poles** are built from high strength aluminum Round tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

FEATURES

- **FINISH:** Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.
- **ANCHOR BOLTS:** Anchor bolts are not included, sized based on pole data charts for the selected pole size.
- **HAND HOLE:** Cast iron reinforced hand hole and cover with ground screw.
- **BASE COVER:** A two-piece formed steel base cover that is easily assembled and fitted over pole base is available upon request (**sold separately**)
- **POLE LENGTH:** Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

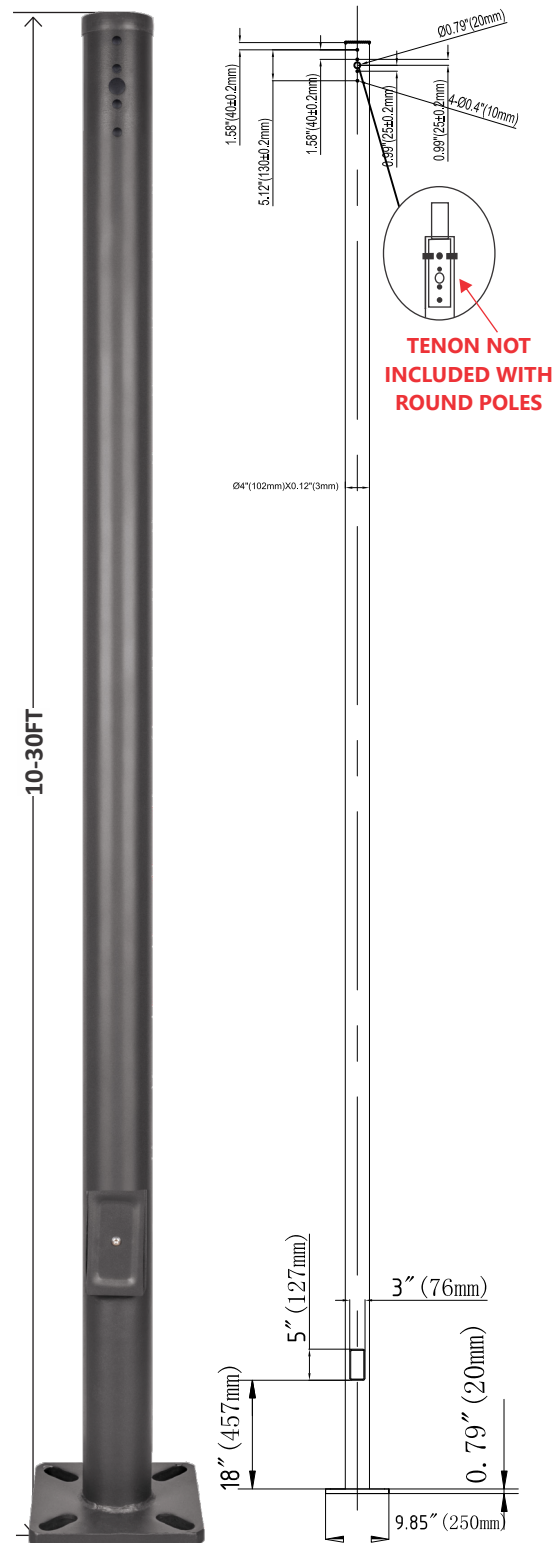
SPECIFICATIONS:

Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI.

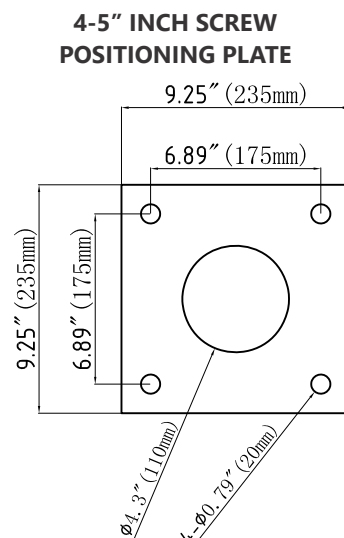
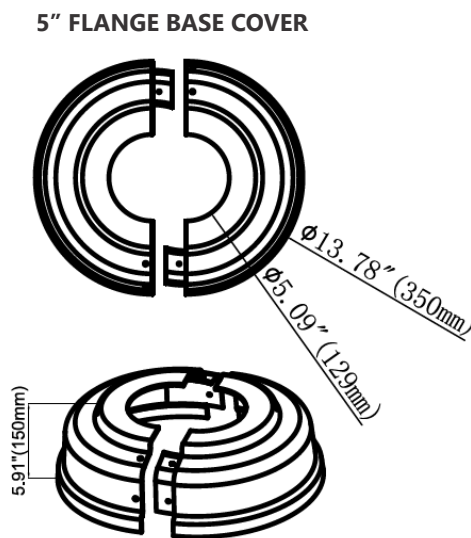
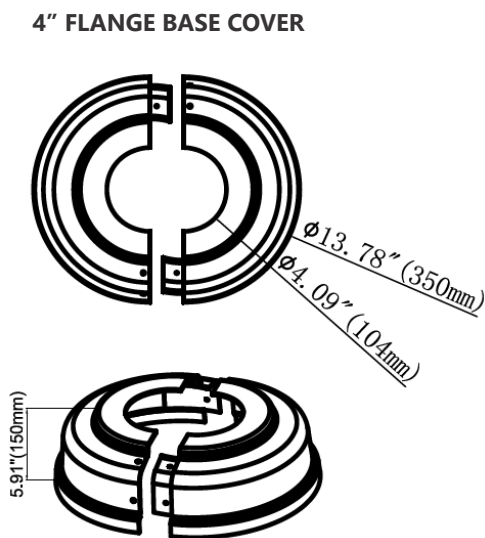
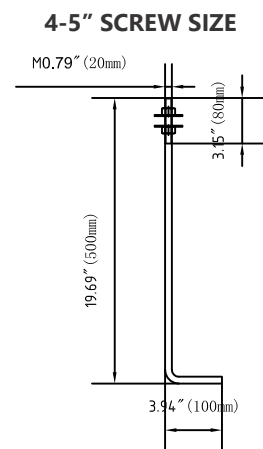
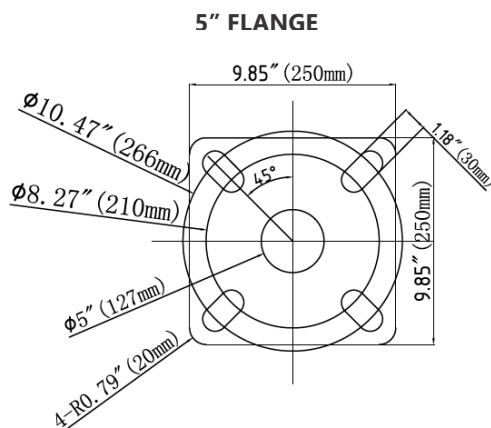
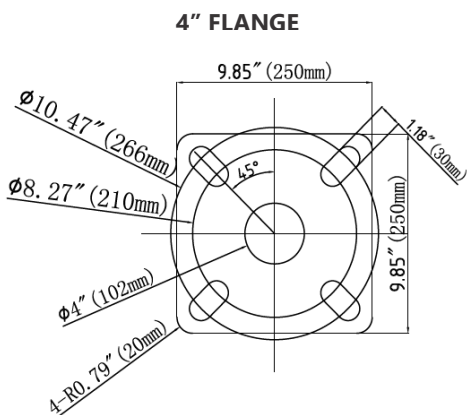
SPECIFICATIONS	10FT	15FT	20FT	25FT	30FT
JD-A-R-10FT4-125-D	L=3.0 (m)	L=4.6 (m)	L=6.1 (m)	L=7.6 (m)	L=9.1 (m)
JD-A-R-15FT4-125-D					
JD-A-R-20FT4-125-D					
JD-A-R-25FT5-225-D					
JD-A-R-30FT5-225-D					

MOUNTING OPTIONS

- Standard Length Poles Include 2 3/8" OD Tenon, Side Drilled 2@180 Degrees, Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.
- Cut To Order Poles can be Side Drilled for 2@180 Degrees, Includes Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.
- Cut To Order Poles May Also Be Ordered With 2 3/8" OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.



DIMENSION



PRODUCT DIMENSION DATA

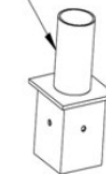
SPECIFICATIONS	HEIGHT	THICKNESS	SHAFT SIZE	BOLT SIZE	POLE WEIGHT (LBS)	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
JD-A-R-10FT4-125-D-T	10FT	0.125"	4" X 4"	0.75" X 19.69" X 3.94"	31 LBS.	13.5	11.3	8.9	7.3	6.8
JD-A-R-15FT4-125-D-T	15FT	0.125"	4" X 4"	0.75" X 19.69" X 3.94"	40 LBS.	7.3	5.1	4.4	3.8	2.9
JD-A-R-20FT4-125-D-T	20FT	0.125"	4" X 4"	0.75" X 19.69" X 3.94"	51 LBS.	3.2	2.6	1.5	0.9	0.3
JD-A-R-25FT5-225-D-T	25FT	0.255"	5" X 5"	0.75" X 19.69" X 3.94"	170 LBS.	8.3	6.2	5.2	4.2	3.6
JD-A-R-30FT6-225-D-T	30FT	0.255"	6" X 6"	0.75" X 31.50" X 3.94"	235 LBS.	10.1	7.0	5.7	3.7	2.4



ORDERING INFORMATION / Example: JD-A-R-10FT-4-125-D-T

JD-A-R				D	T
Product Series	Height	Size	Thickness	Finish	Mounting
JD-A-R	10FT (3.0 M)	4 (4" x 4")	125 (0.125")	D (Dark Bronze)	T (Tenon 2.5" Adapter)
	15FT (4.6 M)	5 (5" x 5")	255 (0.255")		
	20FT (6.1 M)	5 (5" x 5")	255 (0.255")		
	25FT (7.6 M)	6 (6" x 6")	255 (0.255")		
	30FT (9.1 M)	6 (6" x 6")	255 (0.255")		

TENON NOT INCLUDED WITH ROUND POLES



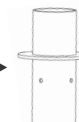
TENON MOUNT OPTIONS

Ø3" Inch Round Tenon Adaptor
JSD-VT3-D

Ø4" Inch Round Tenon Adaptor
JSD-VT4-D

Ø5" Inch Round Tenon Adaptor
JSD-VT5-D

Ø5" to Ø3" Tenon Round Pole Adaptor Insert
JSD-VTR5-D



LUMINAIRE CONFIGURATIONS

SINGLE

D90

DN90

D180

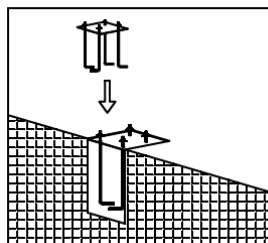
T90

TN120

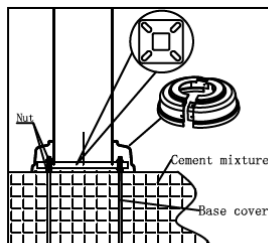
QN90

Q90

INSTALLATION INSTRUCTIONS

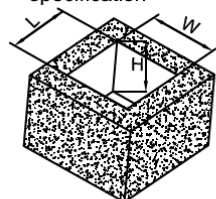


1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

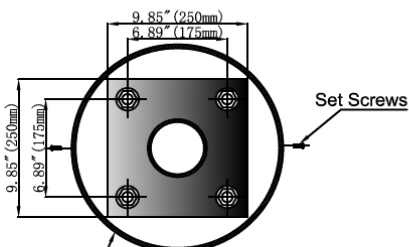
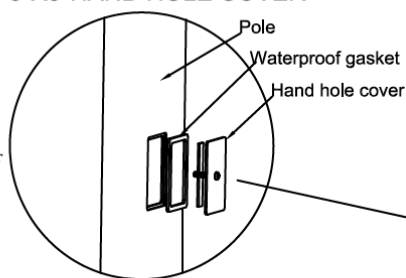
Foundation reference specification



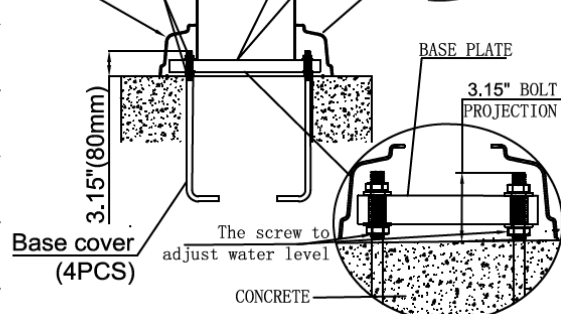
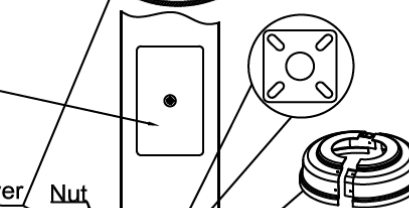
Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	39.37"(1000mm)

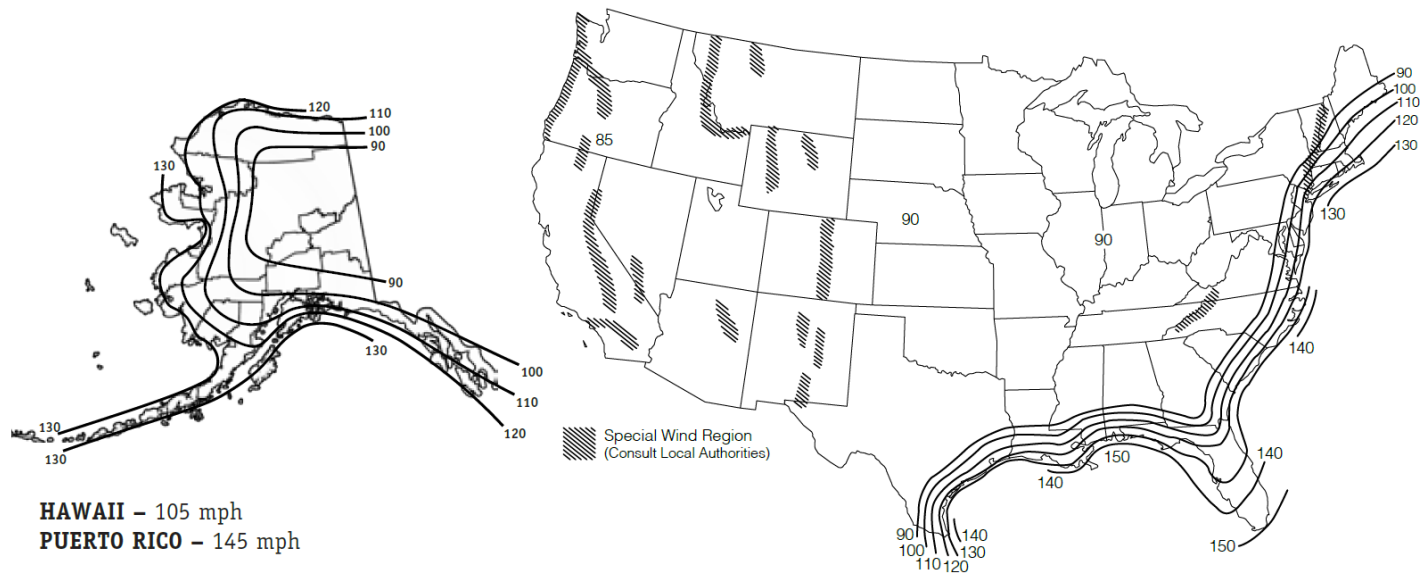
ANCHORAGE GUIDE

3"X5" HAND HOLE COVER



Flange base cover





FLORIDA REGION WIND MAP

Florida Building Code utilizes a different calculation method than ASCE, which results in different allowable EPAs. Consult your local authorities to determine which standard to use for your project.

Florida region wind map above is based upon 3-second gust winds and the 2014 Florida Building Code

