



COMBINED FAMILY SPECIFICATION

VCP

Visual Comfort Post Top

VCP

Adapters & Brackets

Straight, Round & Square Steel Pole

Date:	
Project Name:	
SKU #:	

VCP™
Visual Comfort Post Top



DarkSky Friendly
Compliant at 3000K
Zero Uplight

APPLICATIONS

Residential, Commercial, Pedestrian Walkways, Pathways

FEATURES

Construction

- Die-cast Aluminum Housing

Finish

- Dark Bronze [RAL 8019]
- White* [RAL 9016]
- Black* [RAL 9011]

Electrical & Technical

- Input Voltage: 120-277V
347-480V^o
[Option for 130W]
- Input Frequency: 50/60Hz
- Projected Life: L70 > 50,000 hrs
- PF: >0.9
- CRI: >70
- THD: <20%
- Field Adjustable Lumen Output [Option]
- CCT: 3000K, 4000K, or 5000K
- CCT Selectable: 3000K/4000K/5000K [Option]
[Dark Sky Friendly Compliant at 3000K]
- Operating Temp.: -40°F ~ 113°F
- Wet Location Rated
- EPA Rating: 1ft²

Optical

- Precision Molded Acrylic Diffuser
- General Distribution

Installation/Mounting

- Pole Mount: Slips Over a 2-3/8" or 3" Tenon.
- Suitable For Heights between 8" ~ 20"

Controls

- On/Off 0-10V Dimming
- 3 Pin Base Twist Lock On/Off With Photocell [Option] [Factory Install]
- Integrated Bi-level Occupancy/Daylight Harvesting Sensor [Option][Factory Install]

Lumen Output

- 45W: 5,500lm
- 70W: 8,500lm
- 87W: 10,600lm
- 130W: 16,300lm

Warranty

- 5 Year Warranty
See warranty documentation for more information.



ORDERING INFORMATION

EXAMPLE: VCP-L-C-U-D0-G-D

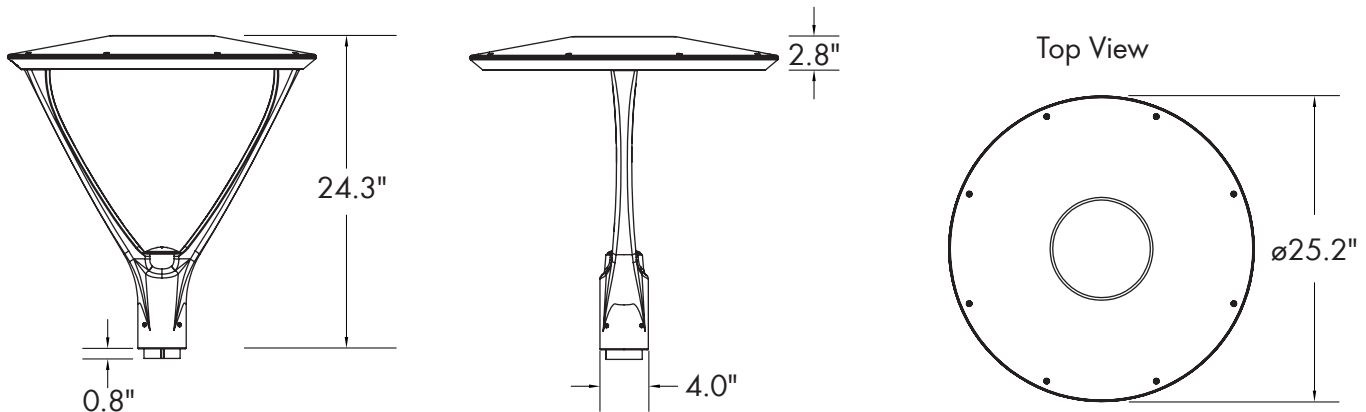
Series	Wattage	CCT	Input Voltage	Control	Distribution	Finish
VCP	45W 70W 87W 130W	30K - 3000K 40K - 4000K 50K - 5000K	U - 120-277VAC H - 347-480VAC ¹	D0 - On/Off 0-10V Dimming D - 3 Pin Base On/Off with Twist Lock Photocell M - Bi-level Occupancy/Daylight Harvesting Sensor	G - General	D - Dark Bronze W - White* B - Black*
	L - 130W/87W/70W/45W	C - 3000K/4000K 5000K	U - 120-277VAC			

Note:
^o High Voltage is only available for 130W: Non-wattage and Non-CCT Selectable Version.

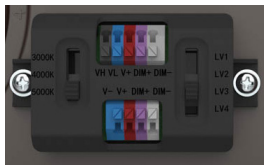
Pole Adapters

- TGS-VT3-D (3" Round Pole Mount with 2 3/8" O.D Tenon)
- TGS-VT4-D (4" Round Pole Mount with 2 3/8" O.D Tenon)
- TGS-VTS4-D (4" Square Pole Mount with 2 3/8" O.D Tenon)
- TGS-VTS5-D (5" Square Pole Mount with 2 3/8" O.D Tenon)

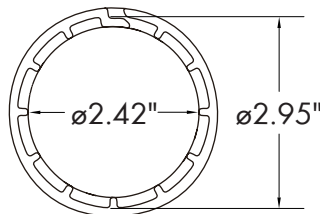
DIMENSIONS



Weight: 26.46 lb.



Field Adjustable Lumen & CCT Switches



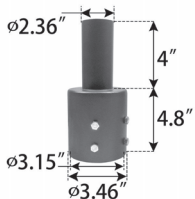
Bottom View

LUMEN OUTPUT

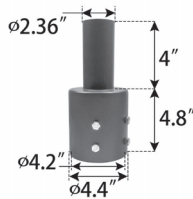
SKU	Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
VCP-45W-50K-U-D0-G-D	45	5500	122
VCP-70W-50K-U-D0-G-D	70	8500	121
VCP-87W-50K-U-D0-G-D	87	10600	121
VCP-130W-50K-U-D0-G-D	130	16300	122

SKU	Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
VCP-L-C-U-D0-G-D	45/70/87/130	6600 (45W)	147	9900 (70W)	141	11800 (87W)	136	16300 (130W)	125

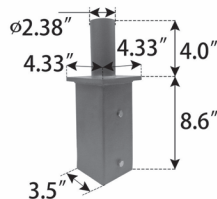
ACCESSORIES



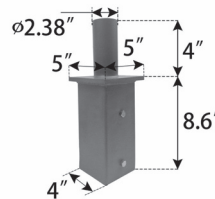
3" Round Pole 2-3/8" O.D. Tenon [TGS-VT3-D]



4" Round Pole 2-3/8" O.D. Tenon [TGS-VT4-D]



4" Square Pole 2-3/8" O.D. Tenon [TGS-VTS4-D]



5" Square Pole 2-3/8" O.D. Tenon [TGS-VTS5-D]



Bi-level Occupancy/Daylight Harvesting Sensor [Factory Install] [M]



Wireless Configuration Tool (Sold Separately) [RC-RC-100]

CONTROL PRE-COMMISSIONING

Default setting are indicated by*

High-End Trim/ Tuning	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20% - 8' height (48' dia.)	10s	Light Sensor Disabled*	0%	∞
50% - 20' height (40' dia.)	1min	1FC (10lux)	10%*	1min
75% - 40' height (60' dia.)	10min*	3FC (30lux)	30%	30min
100%* - 40' height (100' dia.)	15min	5FC (50lux)	50%	60min*

High-End Trim/Tuning:

Lighting electricity usage can be reduced by 30 percent or more through high-end trim, which sets the maximum light level for each space. High-end trim/tuning sets the appropriate target brightness for each space to the prefer light levels to minimize glare and increase comfort level.

Time Delay:

The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min. Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:

The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

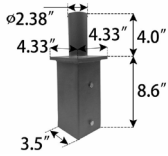
Stand-by Light Level:

Setting determines how much lumen output is dimmed down to when no motion is detected.

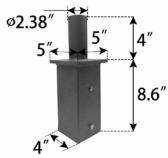
Stand-by Time:

Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.

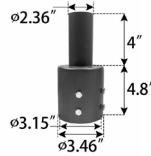
POLE ADAPTER



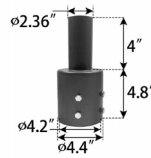
4" Square Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VTS4-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



5" Square Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VTS5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



3" Round Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VT3-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



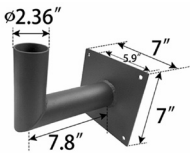
4" Round Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VT4-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.



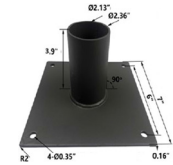
5" Round Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VT5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.

WALL BRACKET

• Attaches to any flat surface • Provides wiring access



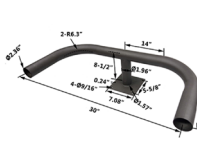
90° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-90-D
 Finish: Dark Bronze
 Max EPA: 0.6
 USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.



180° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-180L3.9-D
 Finish: Dark Bronze
 Max EPA: 0.5
 USE: The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.

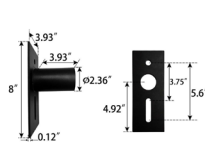


90° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-90H-D
 Finish: Dark Bronze
 Max EPA: 0.7
 USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixture to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.

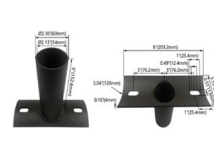


Double 180° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-180H-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.

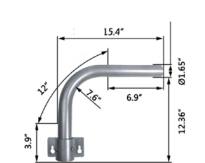
MID-POLE TENON BRACKET



2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket
 No.: TGS-ADP2.5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: 2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" O.D. horizontal tenon.

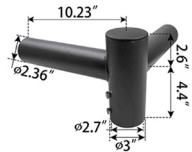


2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket
 No.: TGS-ADP2.5-BAR5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: 2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" O.D. horizontal tenon.

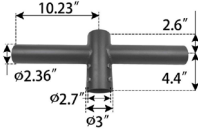


No.: TGS-WP-ARM-S
 Finish: Silver (Standard)
 USE: Wood pole arm bracket

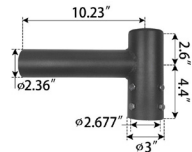
ROUND EXTERNAL MOUNT HORIZONTAL TENON



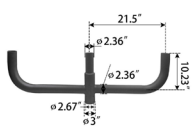
Double 90° Horizontal Tenon Adapter
 No.: TGS-SB2.5TW90-D
 Finish: Dark Bronze
 Max EPA: 0.6
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



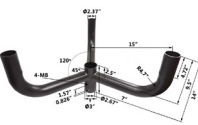
Double 180° Horizontal Tenon Adapter
 No.: TGS-SB2.5TW180-D
 Finish: Dark Bronze
 Max EPA: 0.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



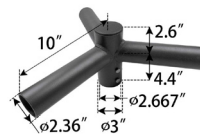
Single Spoke Bracket Tenon Adapter
 No.: TGS-SB2.5S-D
 Finish: Dark Bronze
 Max EPA: 0.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. One fixture can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



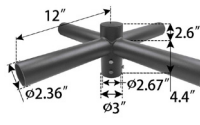
Triple 180° Horizontal Tenon Adapter
 No.: TGS-RB2.5TR180-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



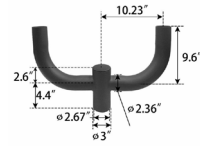
Triple 120° Horizontal Tenon Adapter
 No.: TGS-SB2.5TR120V-D
 Finish: Dark Bronze
 Max EPA: 1.5
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



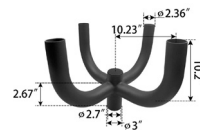
Triple 120° Horizontal Tenon Adapter
 No.: TGS-SB2.5TR120-D
 Finish: Dark Bronze
 Max EPA: 0.7
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



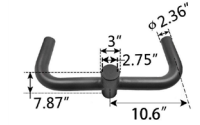
Quad 90° Horizontal Tenon Adapter
 No.: TGS-SB2.5QD90-D
 Finish: Dark Bronze
 Max EPA: 1.0
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Double 180° Horizontal Tenon Adapter
 No.: TGS-RB2.5D180-D
 Finish: Dark Bronze
 Max EPA: 0.9
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Quad 90° Horizontal Tenon Adapter
 No.: TGS-RB2.5QD90-D
 Finish: Dark Bronze
 Max EPA: 1.5
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

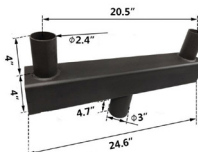


Double 180° Horizontal Tenon Adapter
 No.: TGS-RB2.5TR180H-D
 Finish: Dark Bronze
 Max EPA: 1.0
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

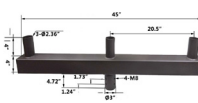


Square Tube Turn to Round Tenon Adapter
 No.: TGS-SADP-BAR-D
 Finish: Dark Bronze
 USE: Square tube light bar installation, with Arm installation of lamps.

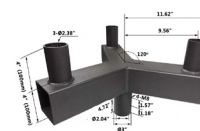
ROUND EXTERNAL MOUNT HORIZONTAL TENON



Low Profile Bullhorn with 2 Tenons
 No.: TGS-VTS4R-2T-D
 Finish: Dark Bronze
 Max EPA: 1.0
 Weight: 20 lbs.
 USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Low Profile Bullhorn with 3 Tenons
 NO. TGS-VTS4R-3T-D
 Finish: Dark Bronze
 MAX EPA: 1.6
 USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

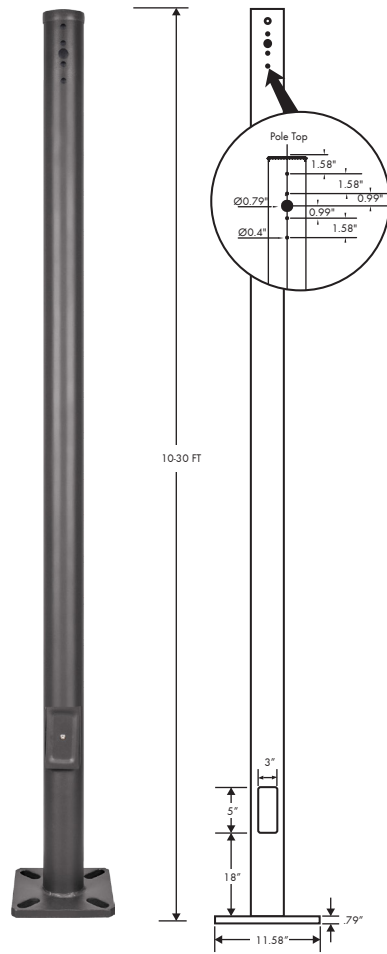


Triple 120° Horizontal Tenon Adapter
 No.: TGS-QT120-3T-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



Quad 90° Horizontal Tenon Adapter
 No.: TGS-QT90-4T-D
 Finish: Dark Bronze
 Max EPA: 1.8
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

STRAIGHT ROUND STEEL POLES: 3", 4" ,5" Diameter



APPLICATIONS

Retail Centers, Industrial Parks, Schools, Universities, Public Transit, Airports, Office Buildings, and Medical Facilities

FEATURES

Specifications

Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI. Pole Height Range From 10' to 30': Usage case is based on luminaire applications.

Finish

Textured architectural bronze powder coat finish: Baked to ensure maximum paint adhesion, hardness, and durability.

Anchor Bolts

Anchor bolts are included, sized based on pole data chart for the selected pole size.

Base Cover

Poles are provided with two -piece formed steel base cover that is easily assembled and fitted over the pole base.

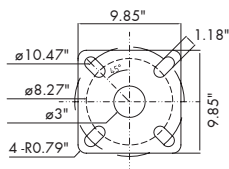
Pole Height

Shown below in ordering matrix are the available standard pole height. Usage is based on selected luminaire application.

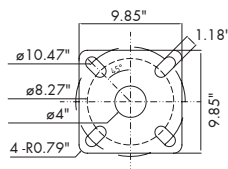
Mounting Options

Standard length poles include 2 3/8" O.D. tenon, side drilled 2@180°, polycarbonate top cover and hole plugs for unused drilling locations.

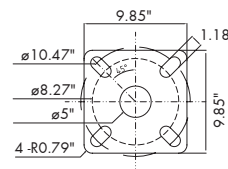
Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.



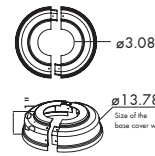
3" Flange



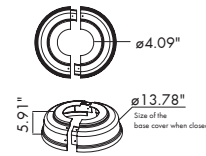
4" Flange



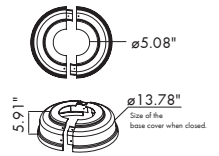
5" Flange



3" Flange
Base Cover



4" Flange
Base Cover



5" Flange
Base Cover

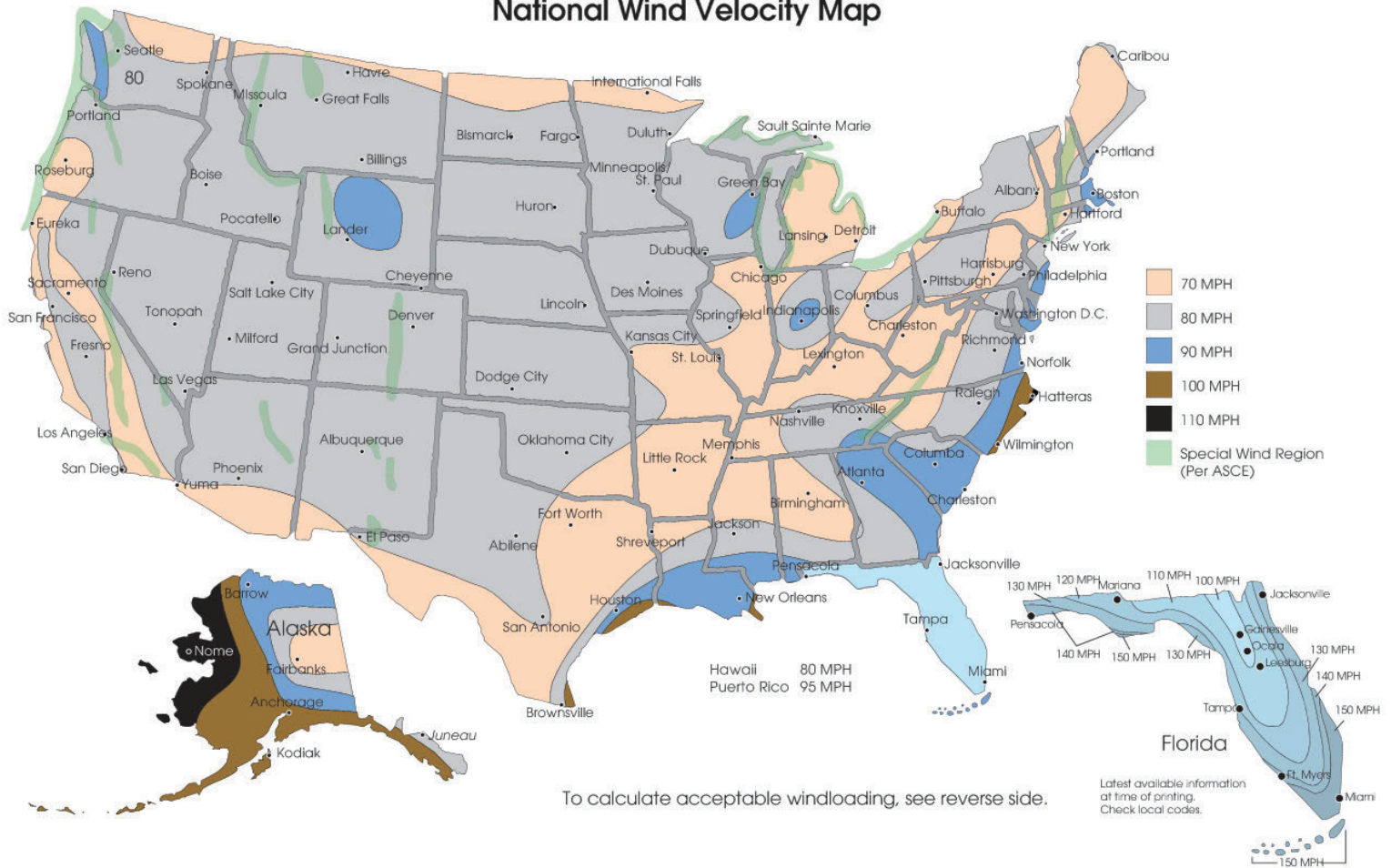
ORDERING INFORMATION

Brand	Product	Height	Size	Wall Thickness	Finish
TGS	R (Round Steel Pole)	10FT (3.0M) 15FT (4.6M) 20FT (6.1M) 25FT (7.6M) 30FT (9.1M)	3 (3") 4 (4") 5 (5")	11G (11 Gauge)	D (Dark Bronze)

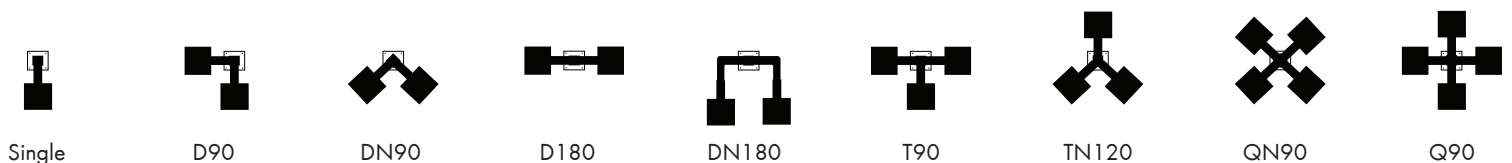
DIMENSIONS DATA

SKU	Height	Wall Thickness	Size Diameter	Pole Weight	Bolt Projection	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
TGS-R10FT3-11G-D	10'	11 Gauge	ø3"	46 lb.	2.75"	28.2	23.5	20.1	14.4	13.3	11.6
TGS-R15FT4-11G-D	15'	11 Gauge	ø4"	90 lb.	2.75"	18.2	15.5	13.5	11.5	9.9	7.4
TGS-R20FT4-11G-D	20'	11 Gauge	ø4"	117 lb.	2.75"	12.2	10.3	9.0	7.2	6.0	4.6
TGS-R25FT4-11G-D	25'	11 Gauge	ø4"	139 lb.	2.75"	11.9	8.9	7.7	6.1	5.6	4.2
TGS-R30FT5-11G-D	30'	11 Gauge	ø5"	180 lb.	2.75"	9.2	7.4	6.1	5.8	4.8	3.2

National Wind Velocity Map



FIXTURE CONFIGURATIONS



ACCESSORIES



3" Base Cover
No.: TGS-IBR3-D
Finish: Dark Bronze

The 3" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



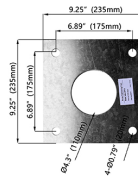
4" Base Cover
No.: TGS-IBR4-D
Finish: Dark Bronze

The 4" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



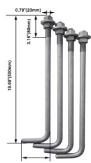
5" Base Cover
No.: TGS-IBR5-D
Finish: Dark Bronze

The 5" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



Screw Positioning Plate
No.: TGS-SPP235

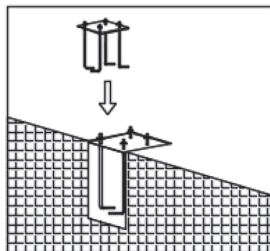
This is a screw rod positioning plate. After the screw rod of the lamp rod base is fixed underground, the positioning plate is fixed with the screw rod to prevent the screw rod from deviation. Finally, the lamp rod is locked.



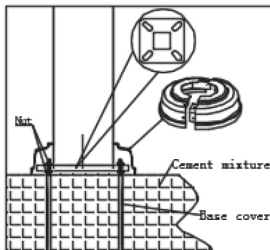
Base Mounting Screw
No.: TGS-BMS-S
Finish: Silver

Before installing the lamp pole, the installation hook should be buried underground and fixed by cement. After fixing, the lamp pole should be fixed by locking screw and base installed.

INSTALLATION

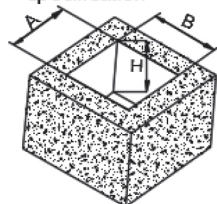


1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



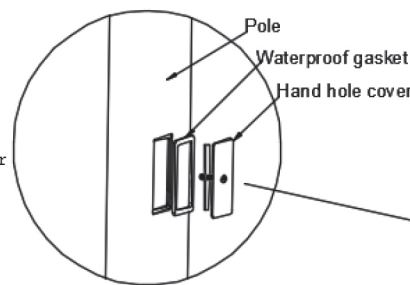
2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification

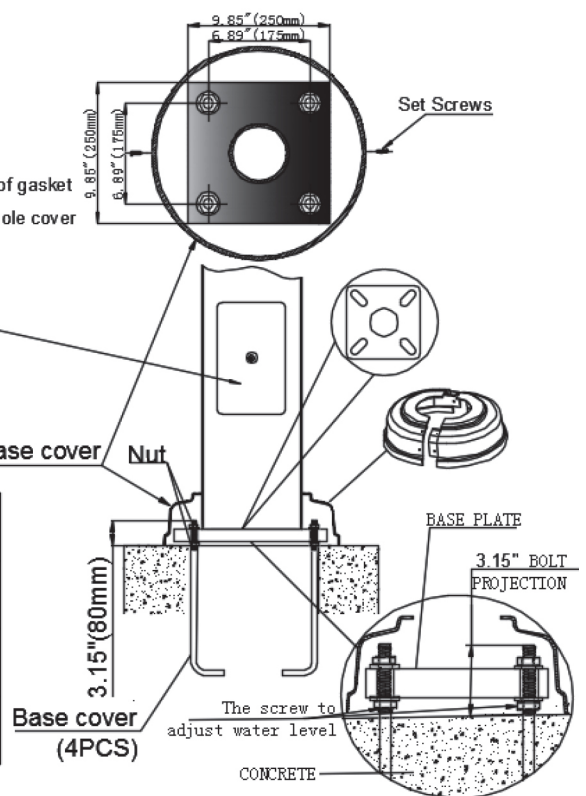


Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	27.56"(700mm)

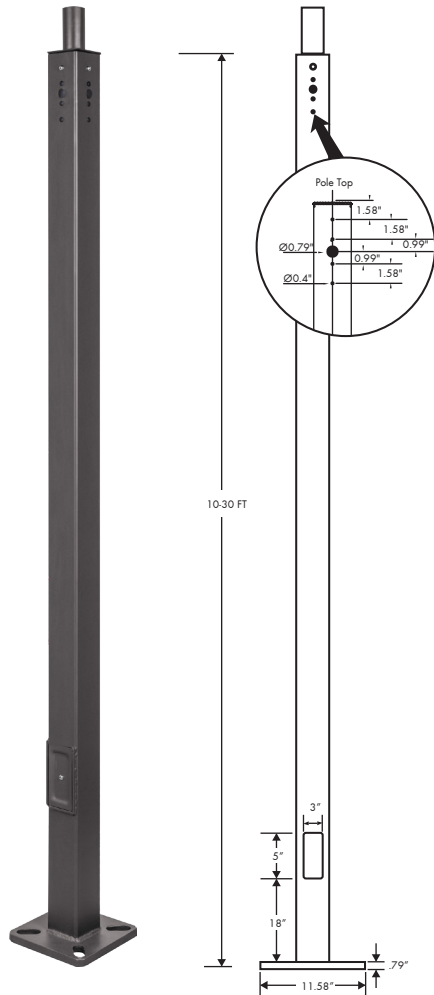
3"X5" HAND HOLE COVER



ANCHORAGE GUIDE



STRAIGHT SQUARE STEEL POLES: 4" (4"x4"), 5" (5"x5")



APPLICATIONS

Retail Centers, Industrial Parks, Schools, Universities, Public Transit, Airports, Office Buildings, and Medical Facilities

FEATURES

Specifications

Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI. Pole Height Range From 10' to 30': Usage case is based on luminaire applications.

Finish

Textured architectural bronze powder coat finish: Baked to ensure maximum paint adhesion, hardness, and durability.

Anchor Bolts

Anchor bolts are included, sized based on pole data chart for the selected pole size.

Base Cover

Poles are provided with two-piece formed steel base cover that is easily assembled and fitted over the pole base.

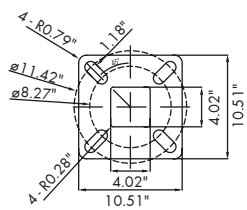
Pole Height

Shown below in ordering matrix are the available standard pole height. Usage is based on selected luminaire application.

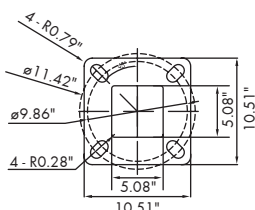
Mounting Options

Standard Poles Include 2 3/8" OD Tenon, Side Drilled 4@90 Degrees, Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

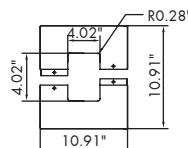
Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.



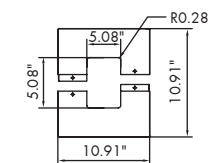
4" Flange



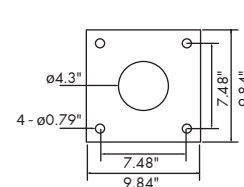
5" Flange



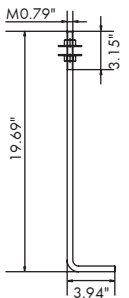
4" Flange Base Cover



5" Flange Base Cover



Anchor Positioning Plate



Anchor Bolt

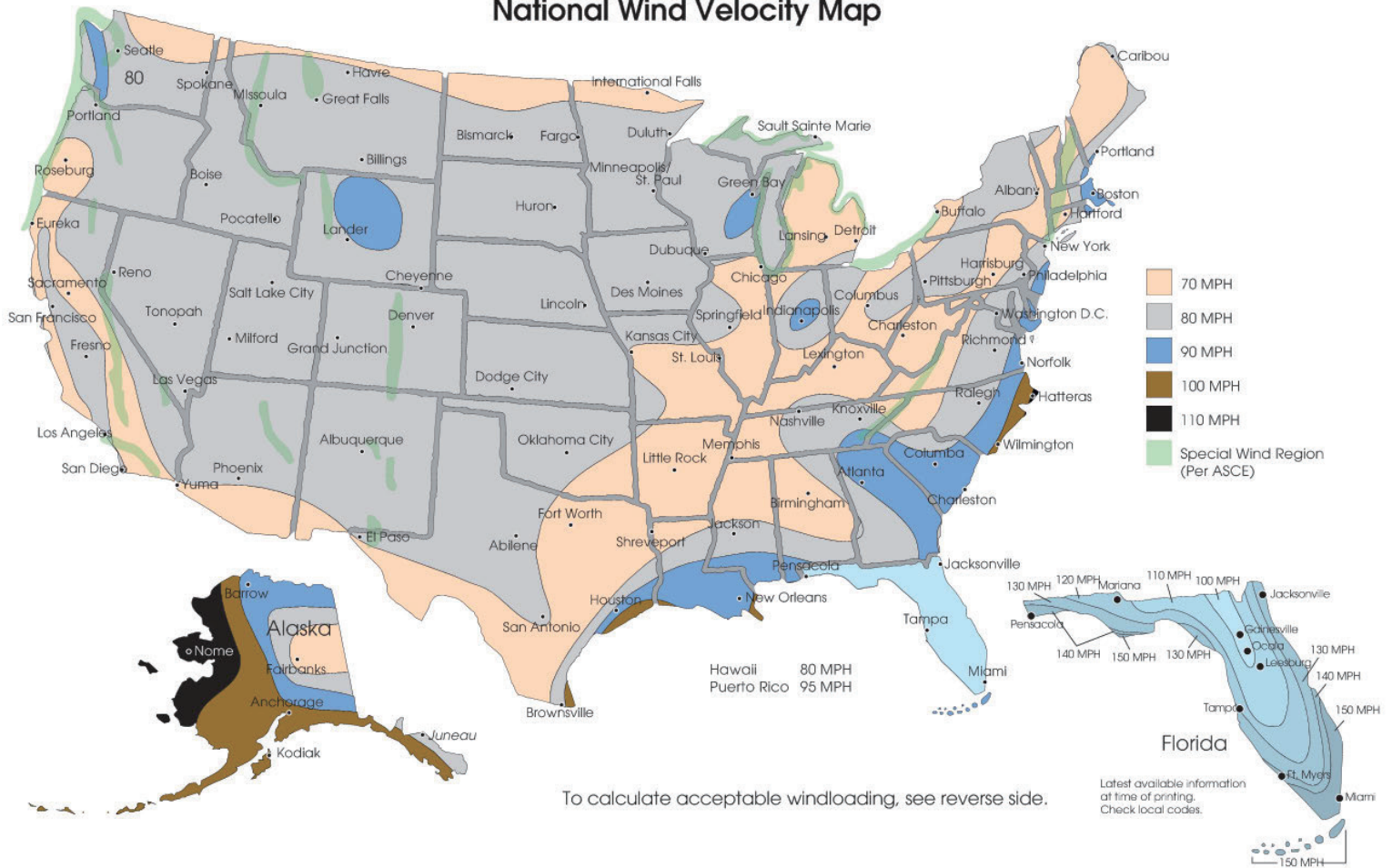
ORDERING INFORMATION

Brand	Height	Size	Wall Thickness	Finish	Mounting
TGS	10FT (3.0M) 15FT (4.6M) 20FT (6.1M) 25FT (7.6M) 30FT (9.1M)	4 (4"x4") 5 (5"x5")	11G (11 Gauge)	D (Dark Bronze)	T (2.5" Adapter)

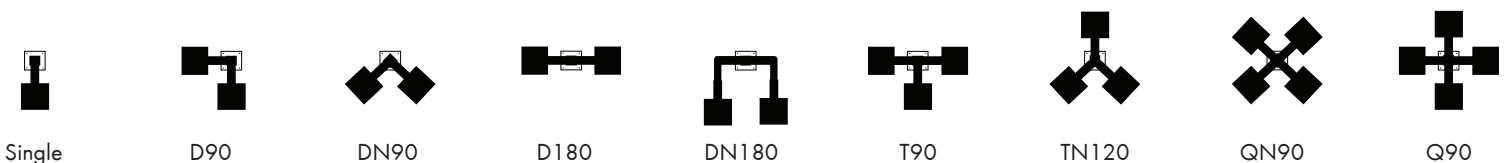
DIMENSIONS DATA

SKU	Height	Wall Thickness	Size	Base	Bolt Circle	Bolt Projection	Bolt Size	Pole Weight	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
TGS-10FT4-11G-D-T	10'	11 Gauge	4"x4"	11"	8" - 10"	2.75"	¾"x17"x3"	88 lb.	25.2	20.5	17.1	11.4	10.3	9.6
TGS-15FT4-11G-D-T	15'	11 Gauge	4"x4"	11"	8" - 10"	2.75"	¾"x17"x3"	117	15.2	12.5	10.1	8.5	6.9	5.4
TGS-20FT4-11G-D-T	20'	11 Gauge	4"x4"	11"	8" - 10"	2.75"	¾"x17"x3"	152 lb.	9.2	7.3	6.0	4.2	3.0	1.6
TGS-25FT4-11G-D-T	25'	11 Gauge	4"x4"	11"	8" - 10"	2.75"	¾"x17"x3"	190 lb.	8.9	6.9	5.7	4.1	3.6	2.2
TGS-30FT5-11G-D-T	30'	11 Gauge	5"x5"	11"	10" - 12"	3.375"	¾"x17"x4"	267 lb.	7.2	5.4	4.1	3.8	2.8	1.2

National Wind Velocity Map



FIXTURE CONFIGURATIONS



ACCESSORIES



4" Base Cover
No.: TGS-IBS4-D
Finish: Dark Bronze

The 4" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



Screw Positioning Plate
No.: TGS-SPP-D

This is a screw rod positioning plate. After the screw rod of the lamp rod base is fixed underground, the positioning plate is fixed with the screw rod to prevent the screw rod from deviation. Finally, the lamp rod is locked.



5" Base Cover
No.: TGS-IBS-D
Finish: Dark Bronze

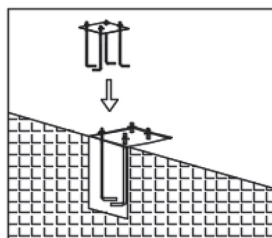
The 5" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



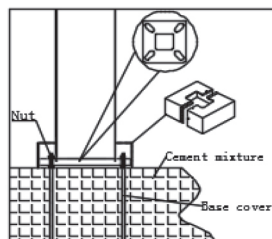
Base Mounting Screw
No.: TGS-BMS-S
Finish: Silver

Before installing the lamp pole, the installation hook should be buried underground and fixed by cement After fixing, the lamp pole should be fixed by locking screw and base installed.

INSTALLATION

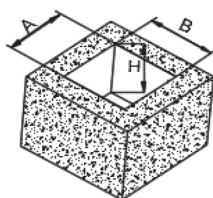


1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



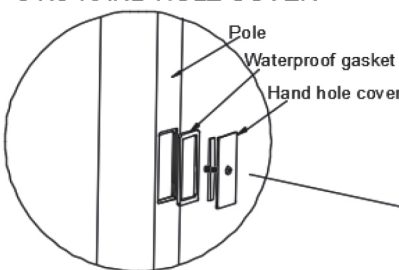
2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification

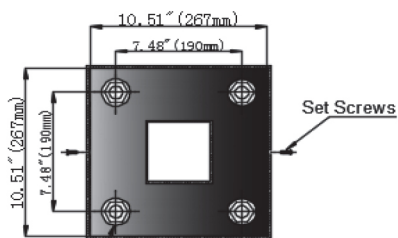


Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	39.37"(1000mm)

3"X5" HAND HOLE COVER



ANCHORAGE GUIDE



Flange base cover

