



COMBINED FAMILY SPECIFICATION

ALP™ G2

Area & Site Light

ALP™ G2

Adapters & Brackets

Straight, Round & Square Steel Pole

Date:	
Project Name:	
SKU #:	

ALP™ G2
Area & Site Light



APPLICATIONS

Commercial Parking Lots, Pedestrian Pathways, Street Lighting, Site and Recreational Sports

FEATURES

Construction

- Rugged Die-cast Aluminum Housing
- Modular Light Engine [IP67 Rating]

Finish

- Dark Bronze
- Gray*
- Black*
- White*

Electrical & Technical

- Input Voltage: 120-277V
277-480V [Option]
- Input Frequency: 50/60Hz
- Projected Life: L70 > 140,000 hrs
- PF: >0.9
- CRI: 70
- THD: <20%
- CCT: 3000K, 4000K, 5000K, or 5700K
[Zero Uplight/Dark Sky Friendly Compliant at 3000K]
- Operating Temp.: -40°F ~ 113°F
- IP Rating: IP66 Fixture Enclosure
- Surge Protection: 10kV [Included]
- Surge Protection: 20kV [Option]

Optical

- Distribution Type:
 - Type II
 - Type III
 - Type IV
 - Type V

Installation/Mounting

- 2 3/8" Round Tenon
- 1.57" Round Tenon
- Square Pole
- Round Pole
- Trunnion Mount

Controls

- 1-10V Dimming
- Bi-level Occupancy/Daylight Harvesting Sensor [Option]
- On/Off Photocell [Option]
- Dimulator Dimming Photocontrol [Option]
- Radiant Wireless Control System [Option]

EPA Rating

- See Page 3

Warranty

- 5 Year Warranty
- See warranty documentation for more information.

Lumen Output

- See Page 4



ORDERING INFORMATION **EXAMPLE: ALP2-100-30-3-U-SLA-D-D0**

Series	Wattage	CCT	Distribution	Input Voltage	Mount	Finish	Controls Option
ALP2	80 - 80W 100 - 100W 120 - 120W 150 - 150W 200 - 200W 240 - 240W 320 - 320W 400 - 400W 500 - 500W 600 - 600W	30 - 3000K 40 - 4000K 50 - 5000K 57 - 5700K	2 - Type II 3 - Type III 4 - Type IV 5 - Type V	U - 100-277V H - 277-480V	SLA (For 2 3/8" Round Tenon) SLB (For 1.57" Round Tenon) SLD (For Square Pole) SLE (For Round Pole)	D - Dark Bronze G - Gray* B - Black* W - White*	D0 (Without Control Sensors) D1 (Radiant Wireless Control System) D1-5SC (5 Pin Receptacle W/Shortcap) D1-5PC (5 Pin Receptacle W/On/Off Photocell) D1-7SC (7 Pin Receptacle W/Shortcap) D1-7PC (7 Pin Receptacle W//On/Off Photocell) D4 (Bi-level Occupancy/Daylight Harvesting Sensor) DIM4-U (Dimulator 120-277V with 7 pin) DIM4-H (Dimulator 480V with 7 pin)

Accessories	Motion Sensor	Light Spill Shield
ALP2-TRU (Trunnion) Other Mounting Accessories (Click Here For Details) ALP2-FS (Field Adjustable Lumen Switch) SP-U-20kV (20kV/10kA Surge Protection [120-277V]) SP-H-20kV (20kV/10kA Surge Protection [277-480V]) DSF (Zero uplight/Dark Sky Friendly at 3000K)	FDP-301-L2-G (Network Motion Sensor) FDP-301-L2-W (Network Motion Sensor) FDP-301-L7-G (Network Motion Sensor) FDP-301-L7-W (Network Motion Sensor)	ALP2-S-BLS (Back Light Shield [80W-200W]) ALP2-M-BLS (Back Light Shield [240W-600W]) ALP2-S-FLS (Full Light Spill Shield [80W-200W]) ALP2-M-FLS (Full Light Spill Shield [240W-600W]) ALP2-S-BLC (Back Light Control [80W-320W]) ALP2-M-BLC (Back Light Control [400W-600W])

*Note: Back Light Control sold as individual units:
• ALP2-S-BLC [2 units per fixture (80W~200W)]
• ALP2-S-BLC [3 units per fixture (240W~320W)]
• ALP2-M-BLC [3 units per fixture (400W~600W)]

FEATURES

Constructions

- IP66 Die-cast Aluminum Housing
- Modular Design For Easy Installation, Replacement, & Maintenance
- Sleek Low Profile Design: Low EPA Rating

Finish

- Corrosion Resistant Polyester
- Standard Finish: Dark Bronze
- Available Finish:



Dark Bronze
Pantone:
Black 7 U



Gray
Pantone:
Cool Gray 3 U



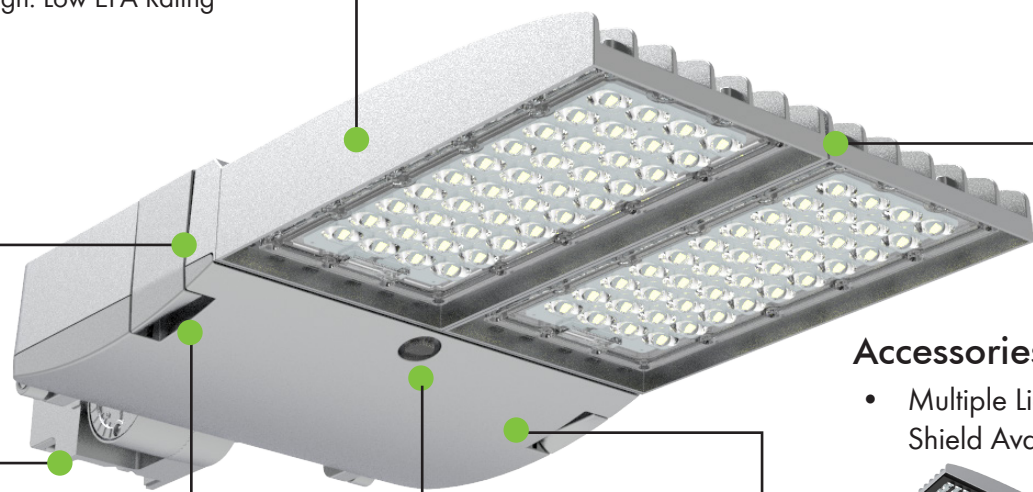
Black
Pantone:
Black 3 C



White
Pantone:
663 M

LED Module

- IP67 LED Module
- Type II, III, IV, V Distribution



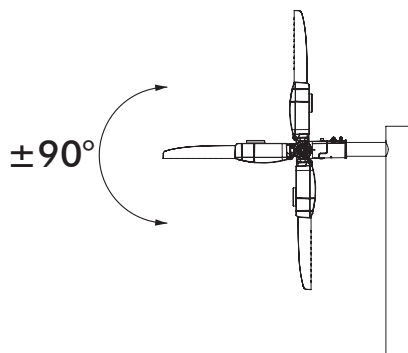
Accessories

- Multiple Light Spill Shield Available



Mounting

- Standard Mounting Diameter: 2 3/8" (60mm)
- 6 Mounting Options
- Adjustable Mounting



Pressure Release Valve

- Release Pressure To Prevent Moisture Buildup

Electrical/Control

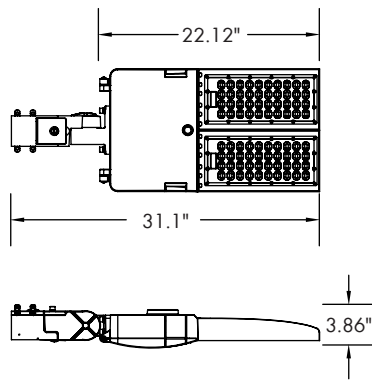
- 120-277VAC & 277-480VAC Available
- Dimulator Dimming Photocontrol, Photocell, or Bi-level Occupancy/Daylight Harvesting Sensor Available
- Surge Protection:
 - 10kV [Standard]
 - 20kV [Optional]
- Radiant Wireless Control System

Tool-less Driver Compartment

- Convenient Tool-less Driver Compartment Release For Quick Wiring & Service

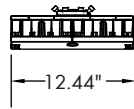


TECHNICAL DETAIL



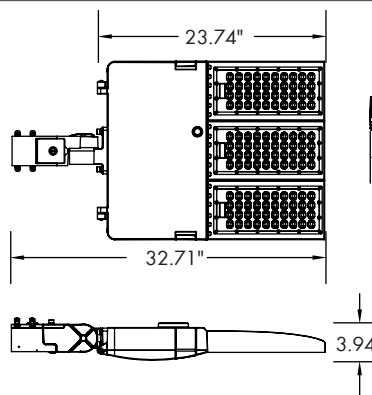
EPA: 0.50ft²

Net Weight: 21.3 lb.
Gross Weight: 24.0 lb.



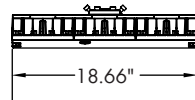
Wattage	*System Efficacy	
	3000K	4000K/5000K/5700K
80W	150lm/W	160lm/W
100W	150lm/W	160lm/W
120W	140lm/W	155lm/W
150W	140lm/W	155lm/W
200W	140lm/W	150lm/W

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°	2@180°
EPA (ft ²)	0.50	1.00	0.77	1.27	0.93	1.27	1.00
Weight (lb.)	21.3	42.6	42.6	63.9	63.9	85.2	42.6



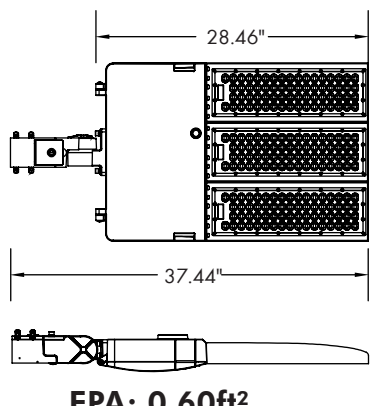
EPA: 0.53ft²

Net Weight: 26.9 lb.
Gross Weight: 30.4 lb.



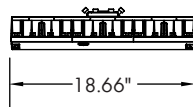
Wattage	*System Efficacy	
	3000K	4000K/5000K/5700K
240W	145lm/W	160lm/W
320W	135lm/W	150lm/W

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°	2@180°
EPA (ft ²)	0.53	1.06	0.96	1.49	0.99	1.49	1.06
Weight (lb.)	26.9	53.8	53.8	80.7	80.7	107.6	53.8



EPA: 0.60ft²

Net Weight: 33.0 lb.
Gross Weight: 37.0 lb.



Wattage	*System Efficacy	
	3000K	4000K/5000K/5700K
400W	140lm/W	150lm/W
500W	130lm/W	135lm/W
600W	130lm/W	135lm/W

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°	2@180°
EPA (ft ²)	0.60	1.20	1.03	1.63	1.12	1.63	1.20
Weight (lb.)	33.0	66.0	66.0	99.0	99.0	132.0	66.0

PERFORMANCE TABLE

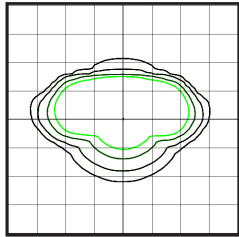
Lumen Output

Lumen value are from photometric test performed in accordance with IESNA LM-70-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts Contact factory for performance data on any configurations not shown here.

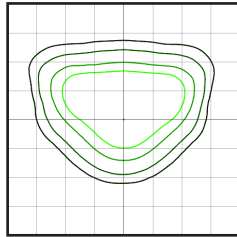
System Watts	Dist. Type	3000K				4000K				5000K			
		Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
80W	2	-	-	-	-	13390	3	0	2	-	-	-	-
	3	-	-	-	-	13203	2	0	2	-	-	-	-
	4	-	-	-	-	13127	2	0	3	-	-	-	-
	5	-	-	-	-	12766	3	0	2	-	-	-	-
100W	2	-	-	-	-	16332	2	0	2	-	-	-	-
	3	-	-	-	-	16274	3	0	2	-	-	-	-
	4	-	-	-	-	15961	3	0	2	-	-	-	-
	5	-	-	-	-	15860	3	0	3	-	-	-	-
120W	2	17205	3	0	3	17511	3	0	2	17983	3	0	2
	3	17324	2	0	2	17853	3	0	2	18396	2	0	2
	4	17514	3	0	2	17604	3	0	2	17974	3	0	2
	5	17893	4	0	2	18369	4	0	2	18601	4	0	2
150W	2	21297	3	0	3	21813	3	0	3	22381	3	0	3
	3	21448	3	0	3	22345	3	0	3	22907	3	0	3
	4	21058	3	0	3	22225	3	0	3	22401	3	0	3
	5	21603	4	0	2	22729	4	0	2	23289	4	0	2
200W	2	27891	3	0	3	28524	3	0	3	29358	3	0	3
	3	27944	3	0	3	28954	3	0	3	29612	3	0	3
	4	27083	3	0	3	28564	3	0	3	29221	3	0	3
	5	27561	5	0	3	29729	5	0	3	30264	5	0	3
240W	2	34805	4	0	3	36651	4	0	3	37339	4	0	3
	3	35476	3	0	4	36527	4	0	4	37955	4	0	4
	4	34854	4	0	4	37052	4	0	4	37685	4	0	4
	5	35529	5	0	5	37720	5	0	4	38930	5	0	3
320W	2	44481	4	0	3	45022	4	0	4	48034	4	0	3
	3	42375	4	0	4	44784	4	0	4	46333	4	0	4
	4	42401	4	0	4	45096	4	0	4	46150	5	0	4
	5	42859	5	0	3	46722	5	0	4	48317	5	0	4
400W	2	55736	5	0	5	58008	5	0	4	59172	5	0	4
	3	55611	5	0	5	57664	5	0	5	59443	5	0	5
	4	56058	5	0	4	57883	5	0	5	59168	5	0	4
	5	57085	5	0	4	59260	5	0	4	61459	5	0	4
500W	2	65018	5	0	4	67761	5	0	4	69196	5	0	4
	3	63624	5	0	5	66690	5	0	5	67478	5	0	5
	4	63963	5	0	5	65758	5	0	5	67807	5	0	5
	5	65463	5	0	4	67945	5	0	5	69639	5	0	4
600W	2	80855	5	0	5	84806	5	0	5	84803	5	0	5
	3	79985	5	0	5	84543	5	0	5	84545	5	0	5
	4	80652	5	0	5	84802	5	0	5	84803	5	0	5
	5	81095	5	0	4	85252	5	0	4	85257	5	0	4

PHOTOMETRIC DATA

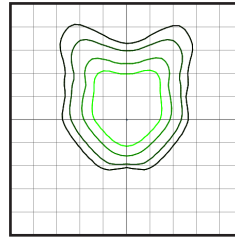
* IESNA LM-63 IES Available



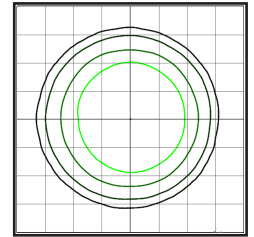
Type II



Type III



Type IV



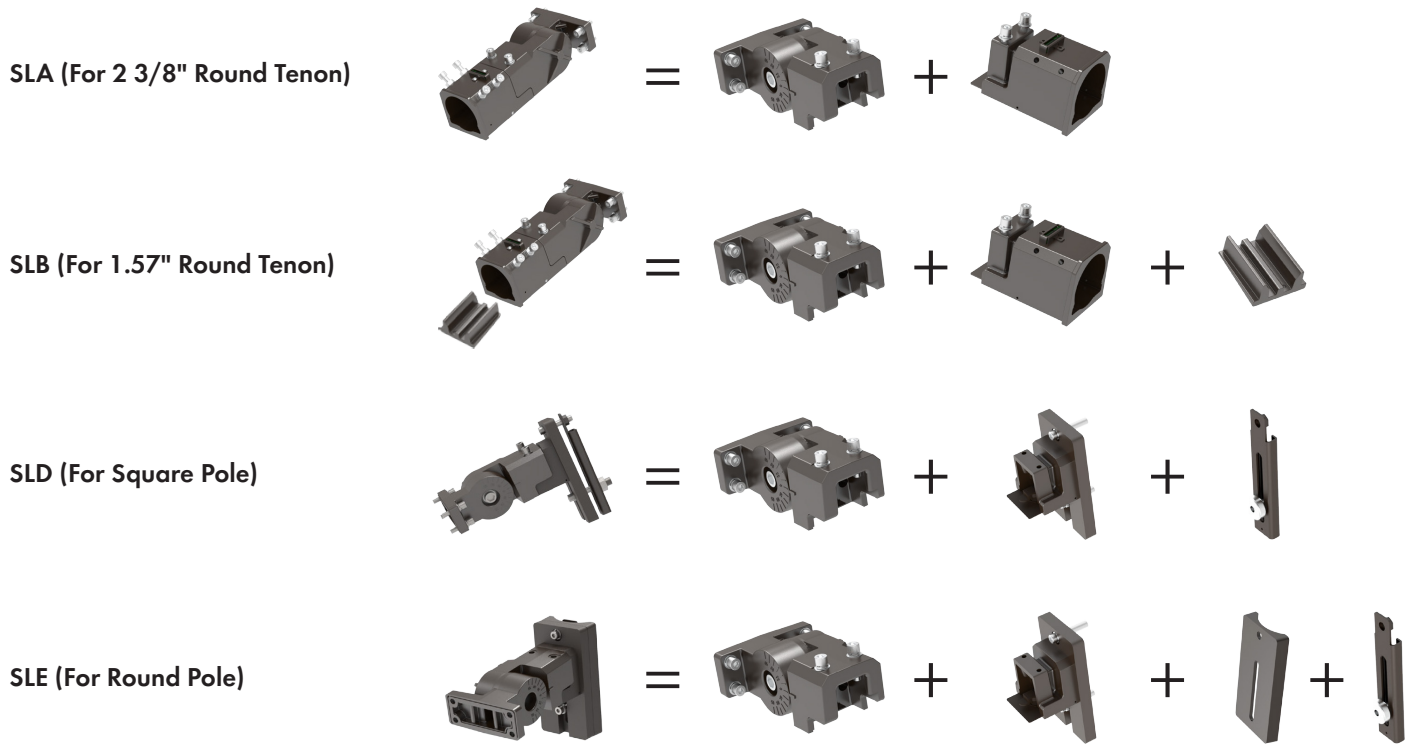
Type V

Multiplier	Mounting Height
2.8	15'
1.6	20'
1.0	25'
0.7	30'
0.5	35'

ELECTRICAL LOAD

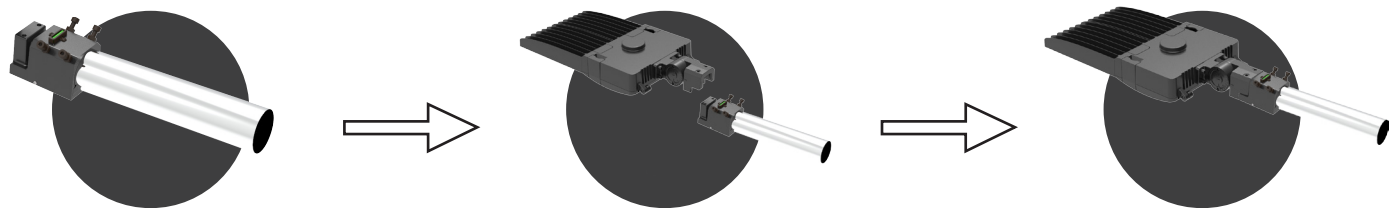
Wattage (W)	Current (A)					
	120V	208V	240V	277V	347V	480V
	Input Voltage					
80	0.67	0.38	0.33	0.29	0.23	0.17
100	0.83	0.48	0.42	0.36	0.29	0.20
120	1.00	0.58	0.50	0.43	0.34	0.25
150	1.25	0.72	0.63	0.54	0.43	0.31
200	1.68	0.96	0.83	0.72	0.57	0.42
240	2.00	1.15	1.00	0.87	0.69	0.50
320	2.67	1.54	1.33	1.16	0.92	0.67
400	3.33	1.92	1.67	1.44	1.15	0.83
500	4.17	2.40	2.08	1.81	1.44	1.04
600	5.00	2.88	2.50	2.16	1.72	1.25

BRACKET TYPE

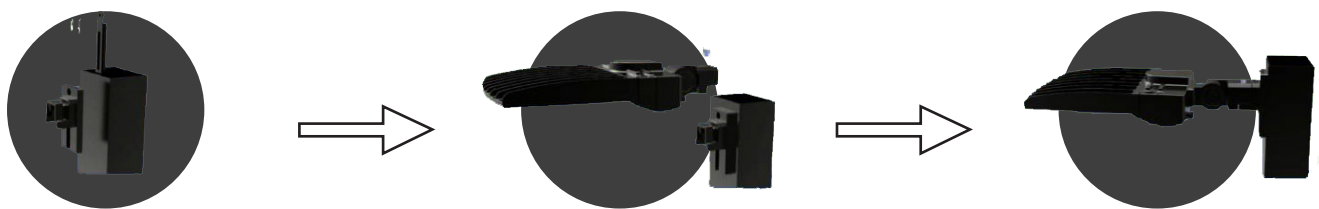


BRACKET INSTALLATION

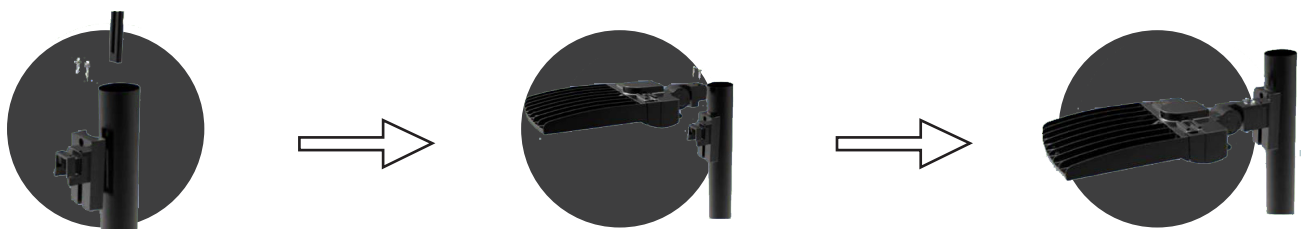
SLA or SLB – Different O.D. Tenon Mount



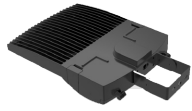
SLD – Square Pole Mount



SLE – Round Pole Mount



ACCESSORIES



Trunnion



ALP2-TRU



Photocell or Dimulator Dimming Photocontrol



D1

DIM4-X



Bi-level Occupancy/Daylight Harvesting Sensor



D4

FDP-301



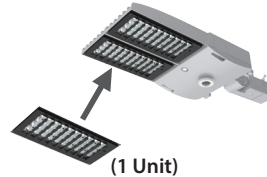
Back Light Shield

ALP2-S-BLS (80W~200W)
ALP2-M-BLS (240W~600W)



Full Spill Light Shield

ALP2-S-FLS (80W~200W)
ALP2-M-FLS (240W~600W)



Back Light Control

ALP2-S-BLC (80W~320W)
ALP2-M-BLC (400W~600W)
[80W~200W (2 UNITS)]
[240W~320W (3 UNITS)]
[400W~600W (3 UNITS)]
(Sold as individual Units)

CONTROL PRE-COMMISSIONING

Default setting are indicated by*

Sensitivity Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20%	10s	Light Sensor Disabled*	0%	∞
50%	1min	1FC (10lux)	10%*	1min
75%	5min*	3FC (30lux)	30%	30min
100%*	15min	5FC (50lux)	50%	60min*

Sensitivity Range:

Setting that determines the sensitivity range of the motion sensor when the daylight sensor is disabled.

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.

DIMULATOR: STAND-ALONE LED DIMMING PHOTOCONTROL

**Features**

- Factory preset dimming - no selector switch
- 10 Year Warranty
- Compliant with ANSI C136.41 receptacle
- Optional constant all night dimming
- Adaptive lighting control with progressive intensities
- 40kV Surge Protection
- High voltage version available
- Advance time/date algorithm auto-adjusts for daylight savings
- Automatically synchronize to local time

**Patent #9210746****Bat Eye Technology**

- Advanced light sensor, only reacts to sunlight
- Immune to LED and other artificial light
- No false activation (no cycling)
- May be oriented in any direction

ELL PHOTOCELL: EXTRA LONG LIFE PHOTOCONTROL

**Features**

- Designed to meet or exceed the life expectancy of LED fixtures.
- 10 Year Warranty
- 40kV Surge Protection
- High voltage version available

Bat Eye Technology

- Advanced light sensor, only reacts to sunlight
- Immune to LED and other artificial light
- No false activation (no cycling)
- May be oriented in any direction



RADIANT WIRELESS CONTROL SYSTEM

RADIANT™
WIRELESS CONTROL SYSTEM



- Utility grade power monitoring.
- WiFi Mesh Receiver Nodes.
- Communication range is up to 1 mile line of sight.
- Control dimming and On/Off.
- Secure, over-the-air software upgrades.



- Manual/Remote/Web access to Nodes.
- Control up to 1000 Nodes.
- Weather protected.
- Optional, pre-configured 5 button switch to allow for control of all lighting (Central Base Station only).



Wattstopper FDP-301
Network Controlled
Sensor
(Optional)

Central Control
Base Station
(Optional)

or

SimplySnap Controller

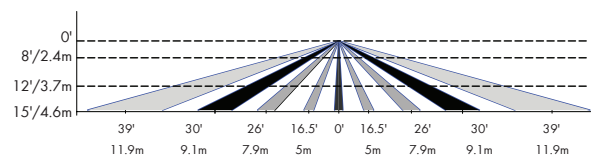
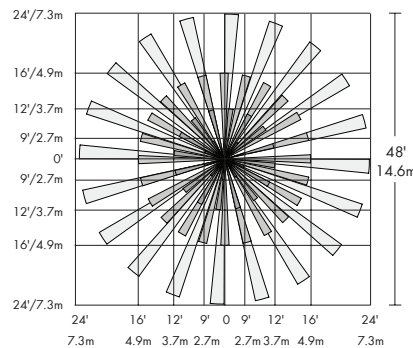
WiFi or LAN Network
with
browser based
control interface

Optional Cloud Control
with Verizon 4G LTE

WATTSTOPPER® FDP-301 NETWORK CONTROLLED MOTION SENSOR

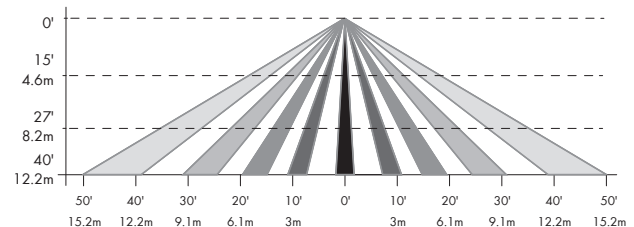
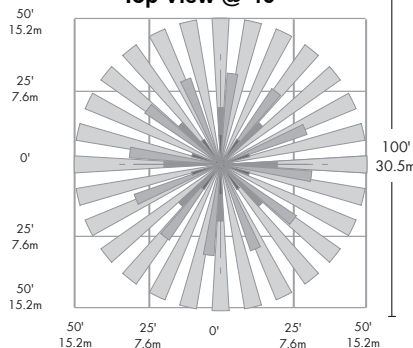
L2 Lens The FDP-L2 is designed for mounting at heights between 8'-15'. It provides 48' diameter coverage area when mounted at height 8' or a 78' coverage area at 15'.

Top View @ 8'

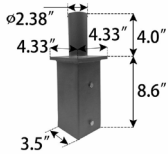


L7 Lens The FDP-L7 has a lens that covers a 100' diameter area at a height of 40'.

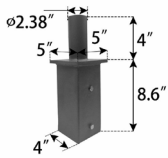
Top View @ 40'



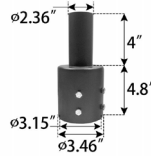
POLE ADAPTER



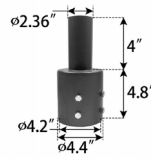
4" Square Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VTS4-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted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



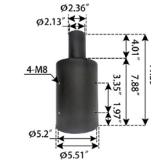
5" Square Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VTS5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted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



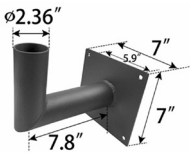
4" Round Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VT4-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to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



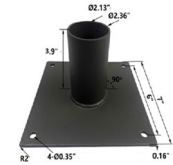
5" Round Pole Mount with 2-3/8" O.D Tenon
 No.: TGS-VT5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to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

WALL BRACKET

• Attaches to any flat surface • Provides wiring access



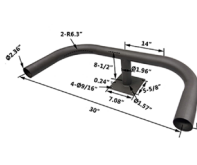
90° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-90-D
 Finish: Dark Bronze
 Max EPA: 0.6
 USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount 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.

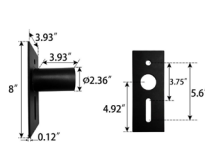


90° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-90H-D
 Finish: Dark Bronze
 Max EPA: 0.7
 USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixture to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount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

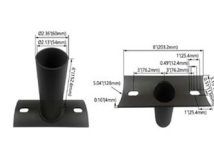


Double 180° Wall Mount Bracket with 2-3/8" O.D. Tenon
 No.: TGS-ADP2.5-180H-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon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

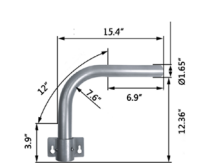
MID-POLE TENON BRACKET



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.

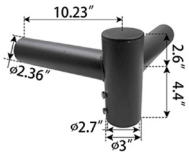


2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket
 No.: TGS-ADP2.5-BAR5-D
 Finish: Dark Bronze
 Max EPA: 0.3
 USE: 2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" O.D. horizontal tenon.

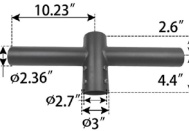


No.: TGS-WP-ARM-S
 Finish: Silver (Standard)
 USE: Wood pole arm bracket

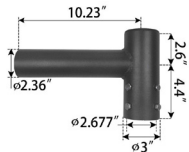
ROUND EXTERNAL MOUNT HORIZONTAL TENON



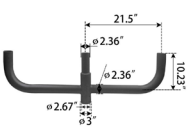
Double 90° Horizontal Tenon Adapter
 No.: TGS-SB2.5TW90-D
 Finish: Dark Bronze
 Max EPA: 0.6
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



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.



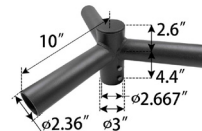
Single Spoke Bracket Tenon Adapter
 No.: TGS-SB2.5S-D
 Finish: Dark Bronze
 Max EPA: 0.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. One fixture can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



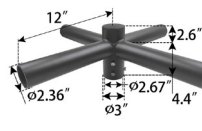
Triple 180° Horizontal Tenon Adapter
 No.: TGS-RB2.5TR180-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



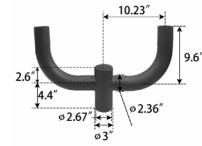
Triple 120° Horizontal Tenon Adapter
 No.: TGS-SB2.5TR120V-D
 Finish: Dark Bronze
 Max EPA: 1.5
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



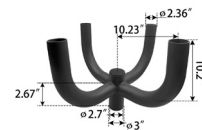
Triple 120° Horizontal Tenon Adapter
 No.: TGS-SB2.5TR120-D
 Finish: Dark Bronze
 Max EPA: 0.7
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



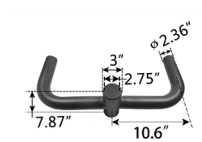
Quad 90° Horizontal Tenon Adapter
 No.: TGS-SB2.5QD90-D
 Finish: Dark Bronze
 Max EPA: 1.0
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



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.

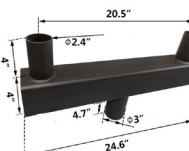


Double 180° Horizontal Tenon Adapter
 No.: TGS-RB2.5TR180H-D
 Finish: Dark Bronze
 Max EPA: 1.0
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

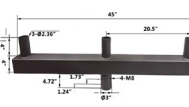


Square Tube Turn to Round Tenon Adapter
 No.: TGS-SADP-BAR-D
 Finish: Dark Bronze
 USE: Square tube light bar installation, with Arm installation of lamps.

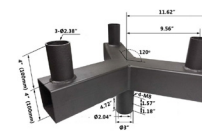
ROUND EXTERNAL MOUNT HORIZONTAL TENON



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.

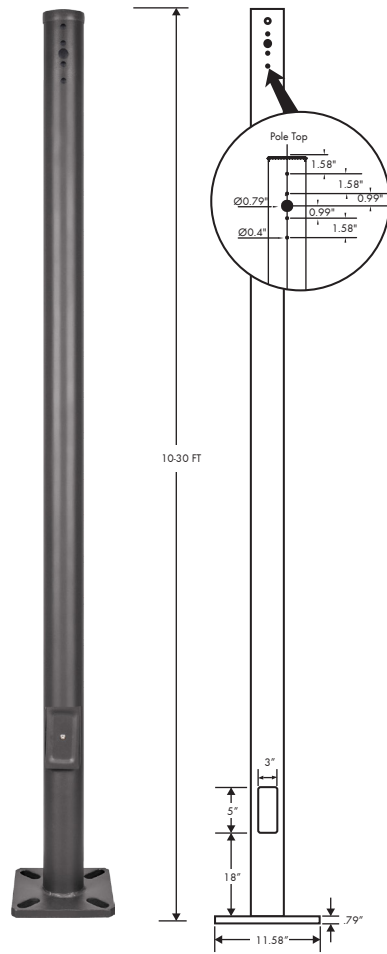


Triple 120° Horizontal Tenon Adapter
 No.: TGS-QT120-3T-D
 Finish: Dark Bronze
 Max EPA: 1.4
 USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.



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.

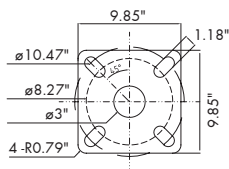
Pole Height

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

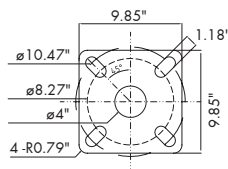
Mounting Options

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

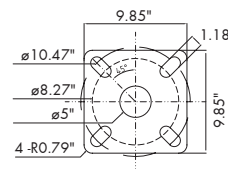
Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.



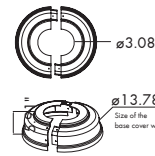
3" Flange



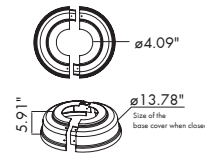
4" Flange



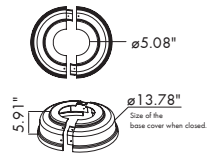
5" Flange



3" Flange
Base Cover



4" Flange
Base Cover



5" Flange
Base Cover

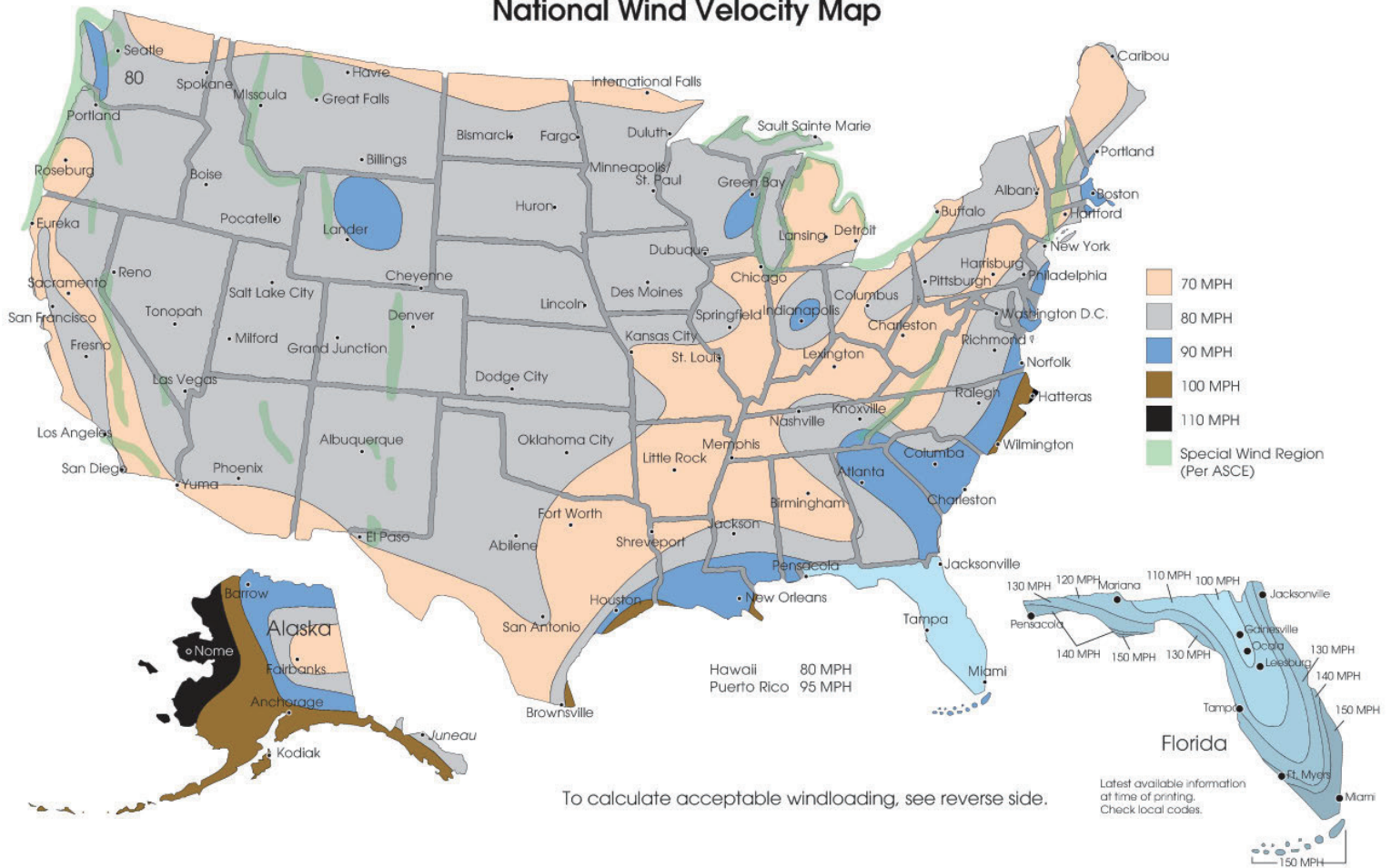
ORDERING INFORMATION

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)

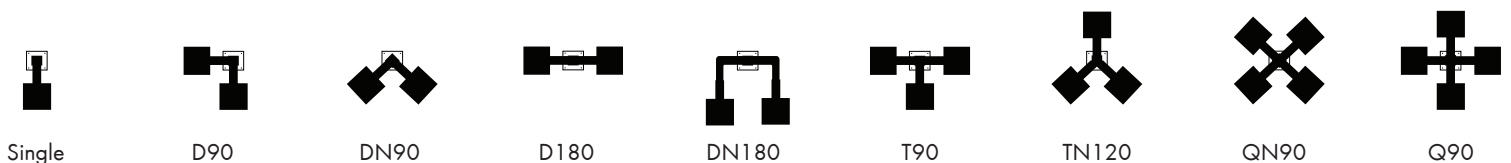
DIMENSIONS DATA

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.



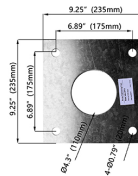
4" Base Cover
No.: TGS-IBR4-D
Finish: Dark Bronze

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.



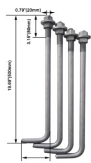
5" Base Cover
No.: TGS-IBR5-D
Finish: Dark Bronze

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

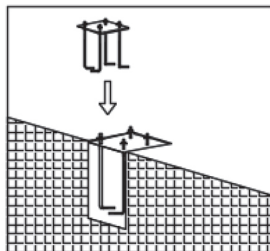
This is a screw rod positioning plate. After the screw rod of the lamp rod base is fixed underground, the positioning plate is fixed with the screw rod to prevent the screw rod from deviation. Finally, the lamp rod is locked.



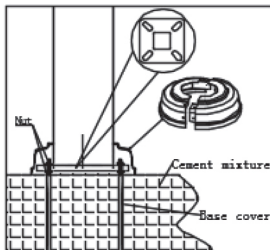
Base Mounting Screw
No.: TGS-BMS-S
Finish: Silver

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

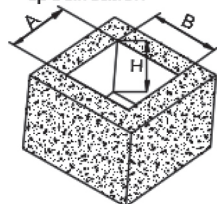


1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



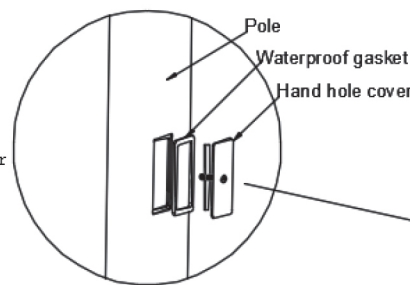
2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification

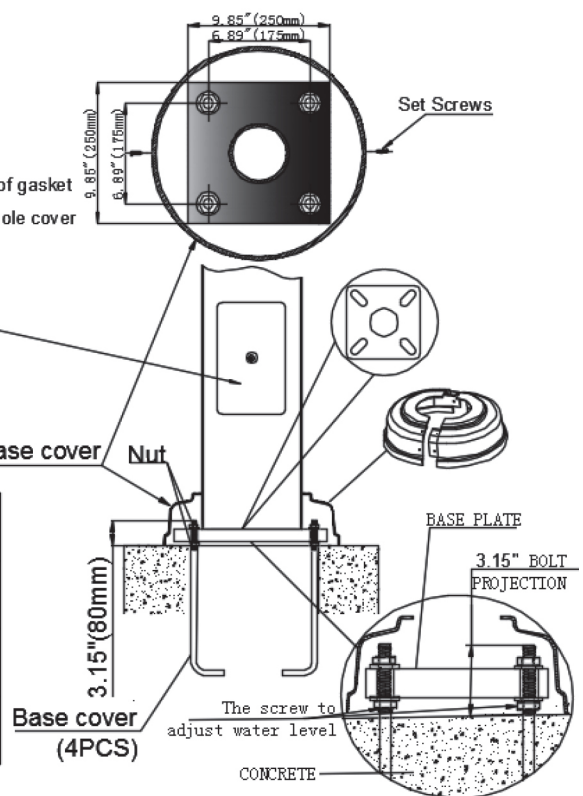


Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	27.56"(700mm)

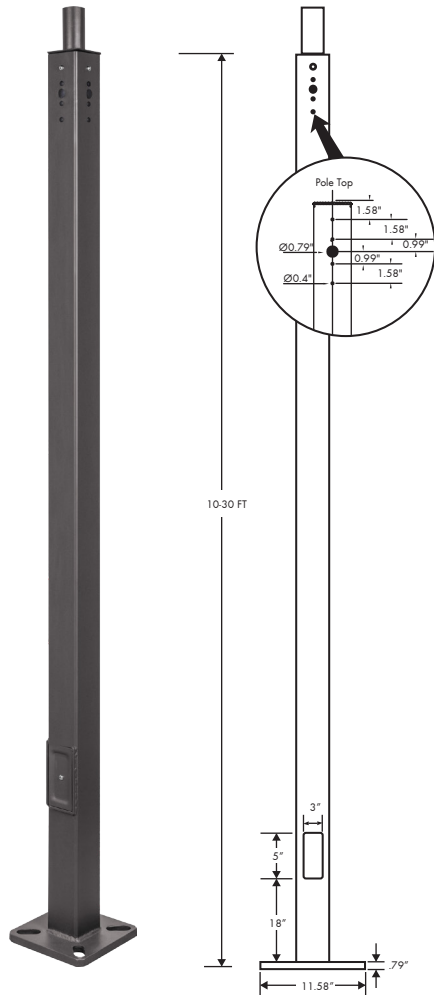
3"X5" HAND HOLE COVER



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.

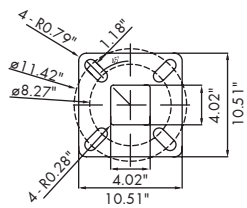
Pole Height

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

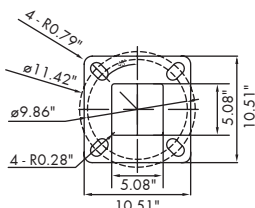
Mounting Options

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

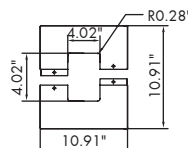
Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.



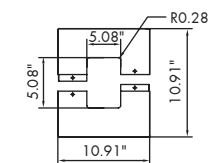
4" Flange



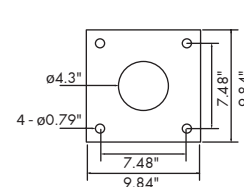
5" Flange



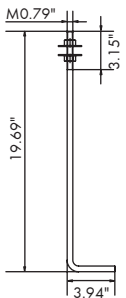
4" Flange Base Cover



5" Flange Base Cover



Anchor Positioning Plate



Anchor Bolt

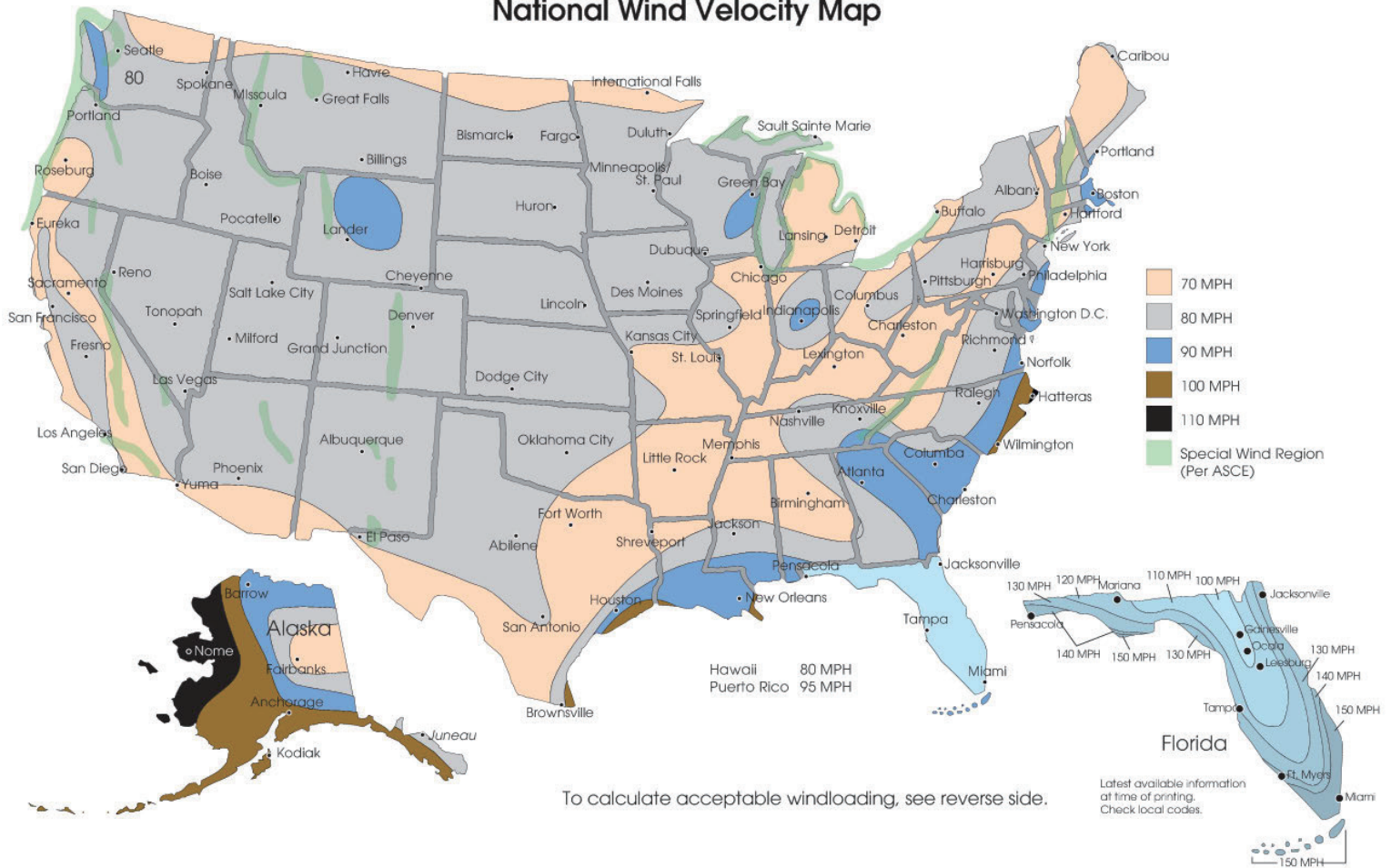
ORDERING INFORMATION

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)

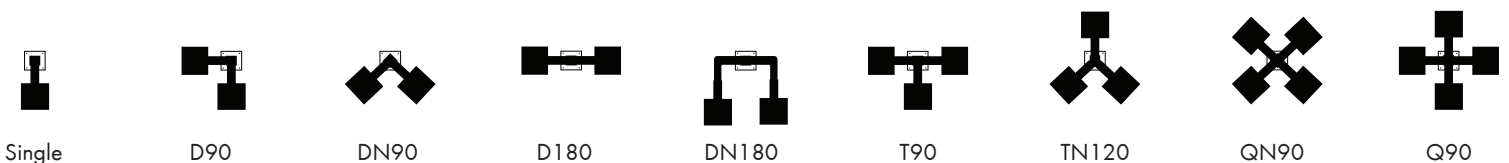
DIMENSIONS DATA

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

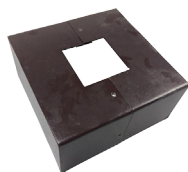
National Wind Velocity Map



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

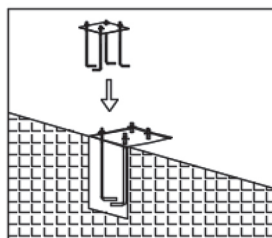
The 5" Installation of base cover is used to protect the base after fixing the lamp pole, so that the lamp pole base is not damaged, thereby increasing the service life of the lamp pole.



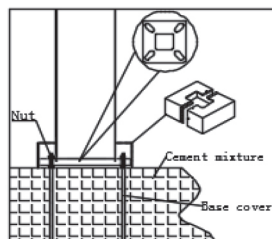
Base Mounting Screw
No.: TGS-BMS-S
Finish: Silver

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

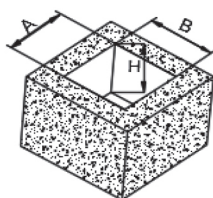


1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



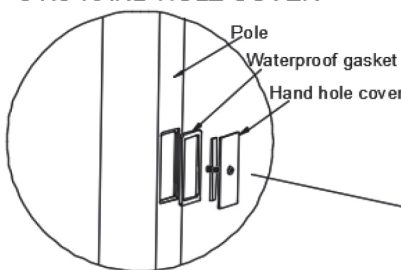
2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification

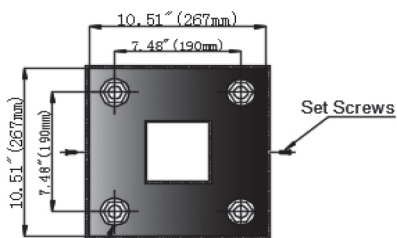


Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	39.37"(1000mm)

3"X5" HAND HOLE COVER



ANCHORAGE GUIDE



Flange base cover

