

Stradex® 700

se'lux®

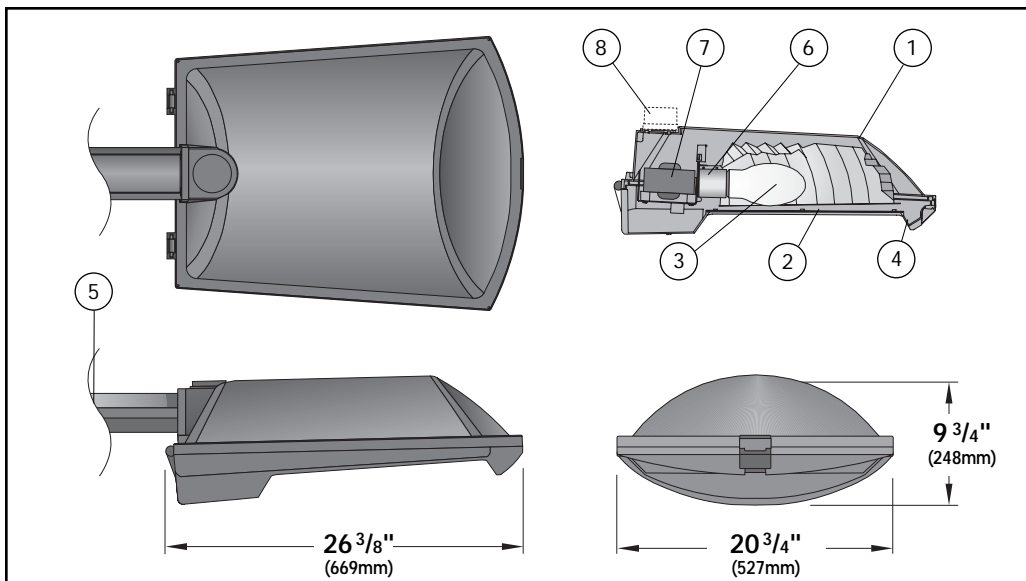


Project: _____

Type: _____ Qty: _____

STR7	-	-	-	-	-	-
Fixture Series	Reflector	Mounting	Lamp Type/Wattage	Finish	Voltage	Options
-	-	-	-	-	-	-
Pole Series	Height	Finish	Options			

Series	Reflector	Mounting	Lamp Type / Wattage		Finish	Voltage	Options
STR7 Stradex® 700	R2 Type II reflector	F Horizontal Slip Fitter (2-3/8")	<u>Metal Halide</u>		WH White	120	PC Photocell
	R3 Type III reflector	1B Vertical Slip Fitter (3")	<u>HPS</u>		BK Black	208	DS 0° Dark Sky
		S1 Single arm	H175 175w	S200 200w	BZ Bronze	240	Tilt Option
		S2 Double arm @180°	H250 250w	S250 250w	SV Silver	277	
		S2L Double arm @90°	H400 400w	S400 400w	SP Specify RAL#	347	
		S3L Triple arm @90°					
		S4 Quadruple arm @90°					
		L1 Single 48" arm					
		L2 Double 48" arm @180°					
		W Wall Mount					



8. Optional Photocell - Fixture can be provided with twist lock photocell integrated into fixture housing.

9. Tilt Option - Standard connection provides 4 degrees of tilt, DS option brings fixture optics to horizontal providing full cutoff.

10. Certifications - Fixtures are supplied standard with UL and CUL for wet locations, IP 65 certified, CIE listing is also available (for applications outside of North America, please consult factory for details).

Exterior Luminaire Finish - SELUX utilizes a high quality Polyester Powder Coating. All SELUX luminaires and poles undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. SELUX powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). RAL colors (SP) are available, please specify RAL#.

IP 65 Certified



1. Fixture Housing - Die cast aluminum fixture housing with integral heat dissipating fins.

2. Gasketing - (not shown) Continuous molded gasket provides seal at door and glass openings, providing dust and insect control.

3. Lamp - (not shown) One clear, horizontal, mogul base metal halide (ED28) up to 400W; or high pressure sodium (ED18) up to 400W. Lamp provided by others.

4. Access Door - Hinged die cast door, secured with cam action stainless steel latch. Door secures flat tempered glass lens and is provided with dampening cylinder for ease of maintenance.

5. Arm - Die cast aluminum arm integrated into fixture design. Secures to pole or tennon with 6 stainless steel set screws. Available in a variety of configurations for various mounting options. Available with optional dark sky bracket, tilting fixture to horizontal plane for full cutoff.

6. Socket - Pulse rated porcelain mogul base socket pre-wired to ballast at factory. Socket is secured to Electro Tray for ease of servicing.

7. Ballast - A high power factor, open core and coil ballast regulates voltage for the HID lamp. Ballast is attached to removeable gear tray (removable without tools), and is provided with a quick disconnect to the line voltage. Consult factory for detailed ballast information.

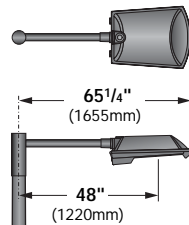
**Union Made
Affiliated with
IBEW Local 363**

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STR7-0704-01 (ss-V1.13)

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supercede all other printed or electronic versions.

Mounting

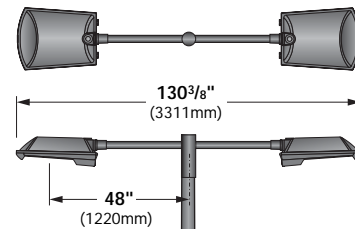
Single 48" Arm (L1)



25'

AT74-25-BC10

Double 48" Arm (L2)

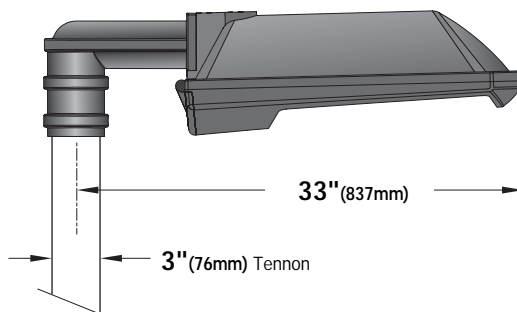


30'

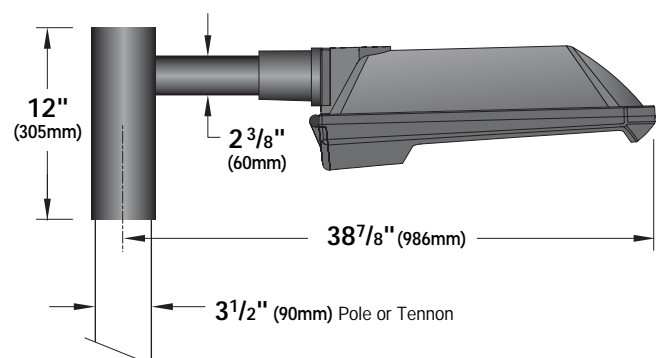
AT106-30

Scale: 3/16" = 1'

(1B) Vertical Slip Fitter 3"



(S1) Single Arm

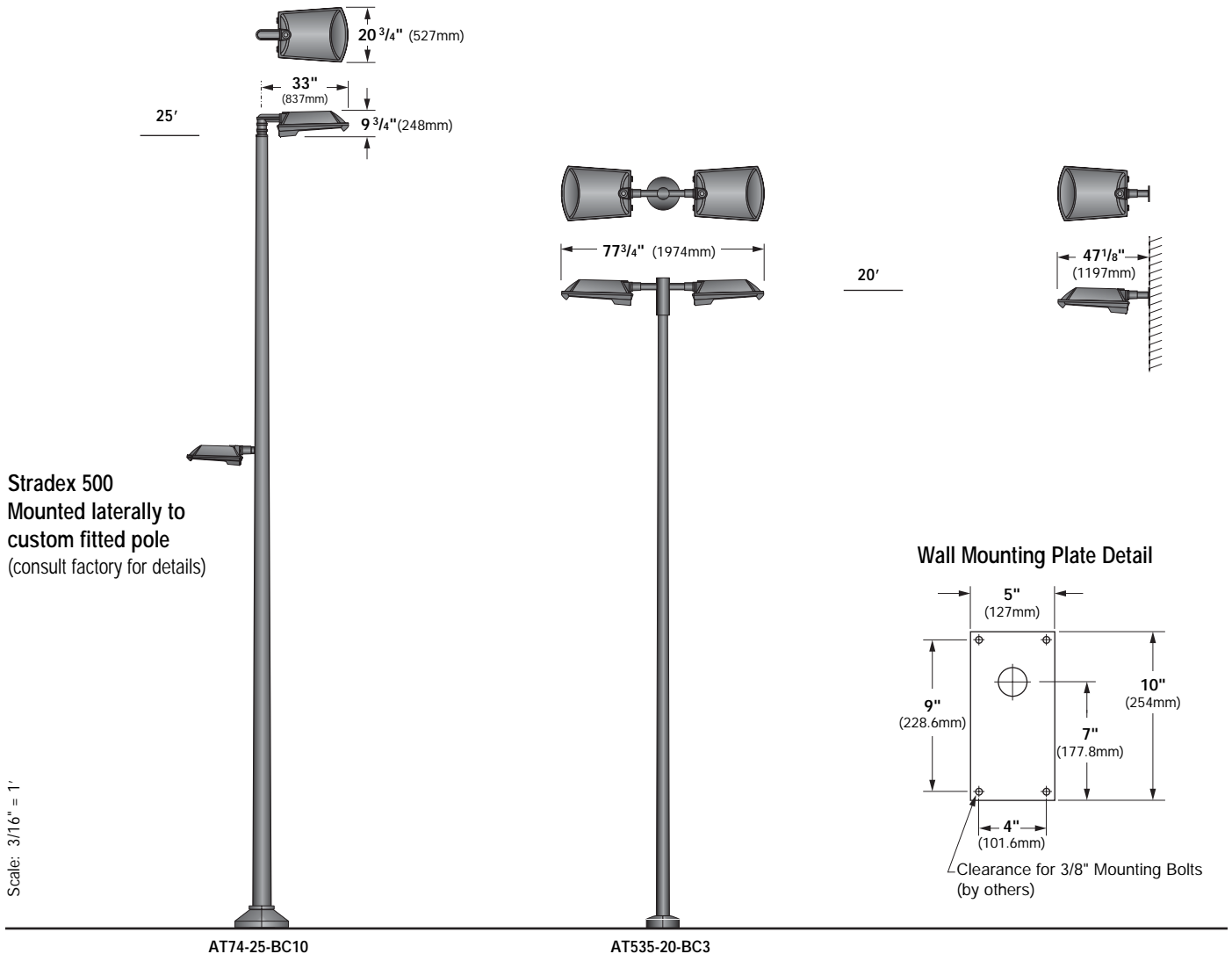


Mounting

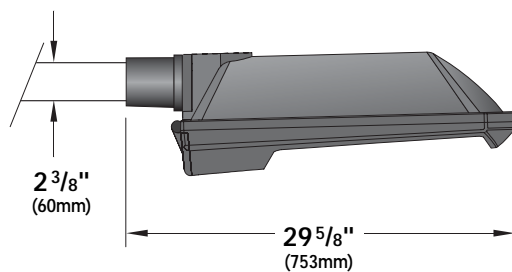
Vertical Slip Fitter (1B)

Double Arm at 180 (S2)

Wall (W)



(F) Horizontal Slip Fitter



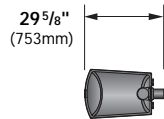
Horizontal Slip Fitter suitable for use with standard 2-3/8" (60mm) O.D. davit arms.



Mounting Configurations

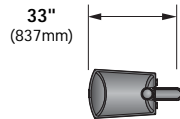
Horizontal Slip Fitter (F)

EPA = 0.84 ft² (0.08m²)
Weight = 41.5 lbs (18.8kg)



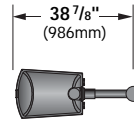
Vertical Slip Fitter (1B)

EPA = 0.94 ft² (0.09m²)
Weight = 43.5 lbs (19.7kg)



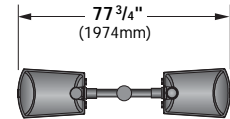
Single Arm (S1)

EPA = 1.03 ft² (0.10m²)
Weight = 45.2 lbs (20.5kg)



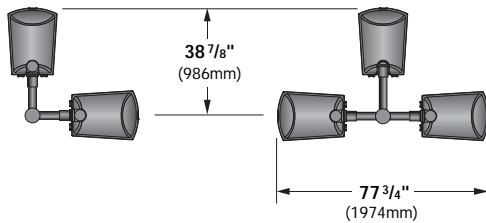
Double Arm @180 (S2)

EPA = 1.90 ft² (0.18m²)
Weight = 46.5 lbs (21.1kg)



Double Arm @90 (S2L)

EPA = 1.63 ft² (0.15m²)
Weight = 46.5 lbs (21.1kg)

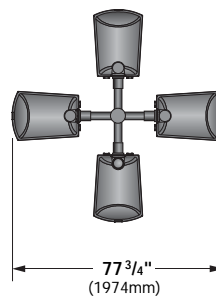


Triple Arm @90 (S3L)

EPA = 2.18 ft² (0.20m²)
Weight = 48.0 lbs (21.8kg)

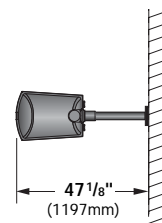
Quadruple Arm (S4)

EPA = 2.18 ft² (0.20m²)
Weight = 50.0 lbs (22.7kg)



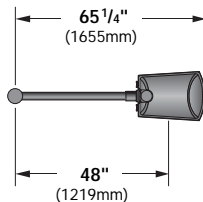
Wall (W)

EPA = 0.98 ft² (0.09m²)
Weight = 45.0 lbs (20.4kg)



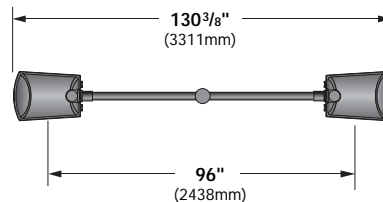
Single 48" Arm (L1)

EPA = 1.25 ft² (0.12m²)
Weight = 47.5 lbs (21.5kg)



Double 48" Arm (L2)

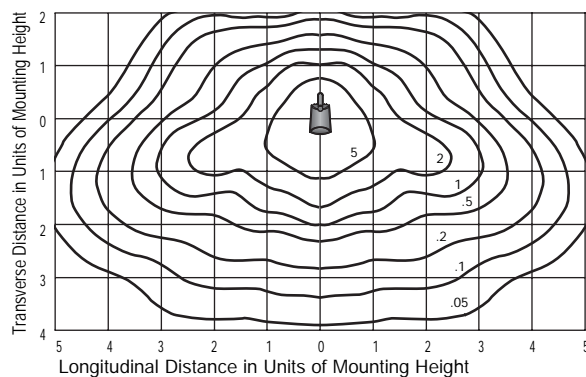
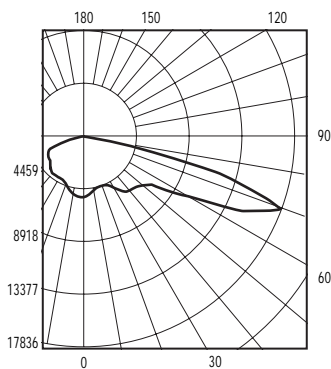
EPA = 2.33 ft² (0.22m²)
Weight = 52.0 lbs (23.6kg)



R2 Reflector

Catalog # STR7-R2-xx-H400
Report # 9555B5S

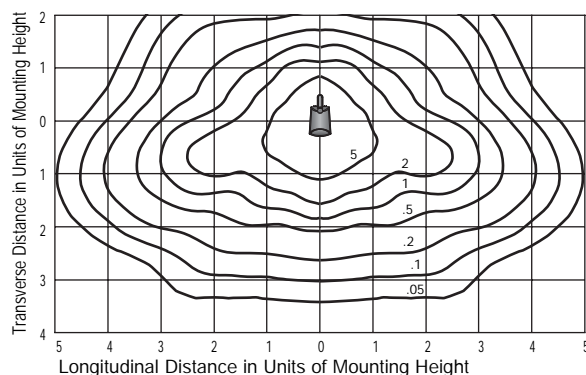
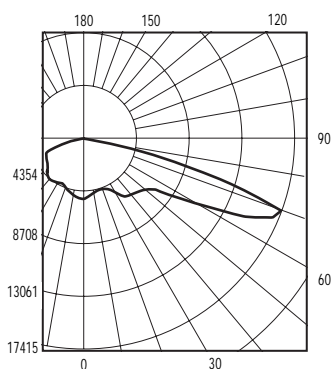
- Maximum candela of 17836 at 70° from vertical.
- IES classification, Type II Cutoff.



R2 Reflector (Dark Sky)

Catalog # STR7-R2-xx-H400-xx-xxx-DS
Report # 9555B5D

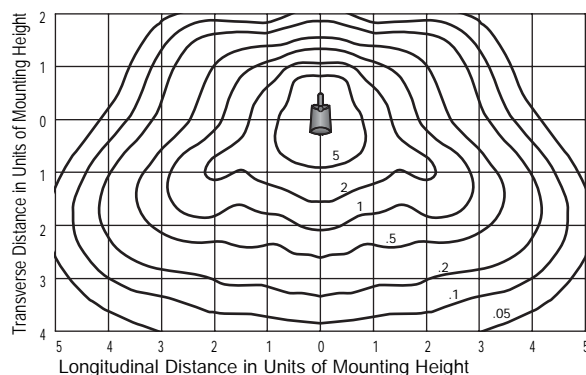
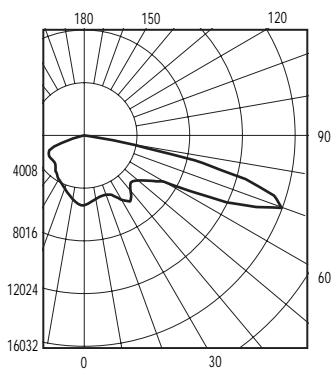
- Maximum candela of 17415 at 70° from vertical.
- IES classification, Type II Full Cutoff.



R3 Reflector

Catalog # STR7-R3-xx-H400
Report # 9555B10S

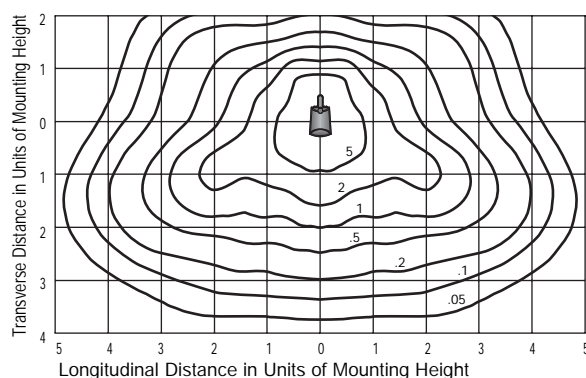
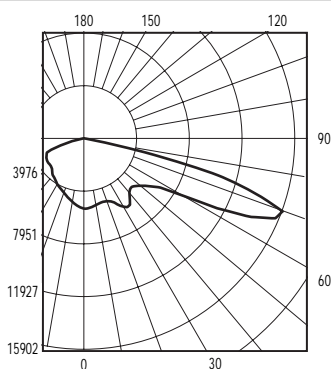
- Maximum candela of 16032 at 70° from vertical.
- IES classification, Type III Semi-Cutoff.



R3 Reflector (Dark Sky)

Catalog # STR7-R3-xx-H400-xx-xxx-DS
Report # 9555B10D

- Maximum candela of 15902 at 70° from vertical.
- IES classification, Type III Full Cutoff.



HID Lamp Prorate Table (ED-17 Coated, Base-Down Lamp)

High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
200	0.61	22000	175	0.39	14000
250	0.79	28500	250	0.57	20500
400	1.39	50000	400	1.00	36000

Conversion Chart

Values based on 20' mounting height

Mounting Height	Multiply
16'	1.56
18'	1.23
20'	1.00
23'	0.76
25'	0.64
30'	0.44
35'	0.33

Pole Information

Refer to individual pole specification sheets for construction details, anchorage information and additional options.

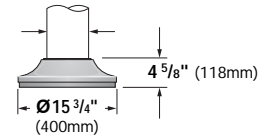
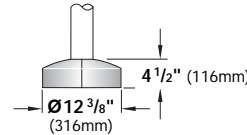
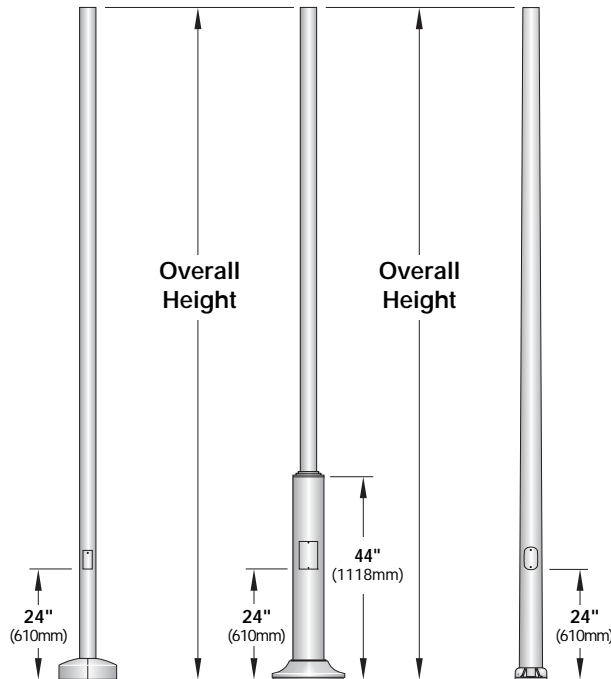
A35 & S35
Round Straight Aluminum
& Round Straight Steel Poles

S635
Round Stepped
Steel Pole

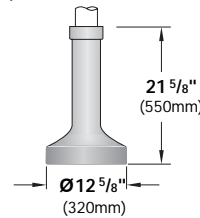
AT535/635/64/74
Tapered Aluminum
Pole

Straight Poles (A35 & S35)
BC5 Standard Base Cover
Two-piece die cast aluminum

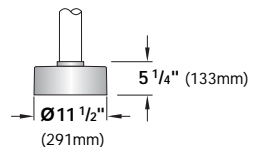
Stepped Steel Pole (S635)
BC6 Standard Base Cover
One-piece cast aluminum



BC1 Optional Base Cover (A35 & S35)
One-piece die cast aluminum

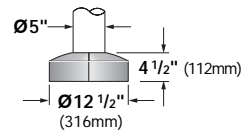


BC4 Optional Base Cover (A35 & S35)
One-piece cast aluminum

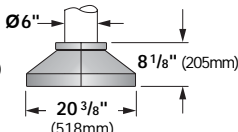


Optional Base Covers for Tapered Poles
Die cast aluminum, two piece field installable base covers

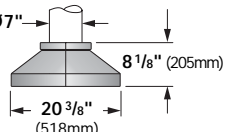
BC3 (AT535)



BC9 (AT635 / AT64)



BC10 (AT74)



Pole Series	Bolt Circle	EPA Information (ft ²)					Height	Finish	Options	
		70 mph	80 mph	90 mph	100 mph	110 mph				
S635 3 1/2" Diameter Stepped Steel Pole	9"	21.7	15.8	12.3	9.6	7.6	16 16 ft.	WH White BK Black BZ Bronze	BC1 Die Cast Base Cover (A35 & S35 poles only) BC4 Cast Base Cover (A35 & S35 poles only) BC3 Die Cast Base Cover (for AT535 poles only)	
A35 3 1/2" Dia. Straight Aluminum Pole	7 3/4"	4.9	3.2	2.2	1.4	.08				
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	4.4	2.8	1.9	1.2	0.6				
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	10.7	7.7	5.6	4.2	3.3				
AT64 6" to 4" Tapered Aluminum Pole	9 3/4"	19.0	14.1	10.8	8.6	7.0				
S635 3 1/2" Diameter Stepped Steel Pole	9"	18.8	13.6	10.4	8.1	6.3	18 18 ft.	SV Silver SP Specify RAL#	BC9 Die Cast Base Cover (for AT635 and AT64 poles only) BC10 Die Cast Base Cover (for AT74 poles only)	
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	11.1	7.8	5.6	4.2	3.2				
AT64 6" to 4" Tapered Aluminum Pole	9 3/4"	15.7	11.5	8.7	6.9	5.5				
AT74 7" to 4" Tapered Aluminum Pole	10 1/2"	23.2	17.2	13.3	10.6	8.6				
S635 3 1/2" Diameter Stepped Steel Pole	9"	16.5	11.8	8.9	6.8	5.2				
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	4.9	3.2	2.2	1.4	0.8	20 20 ft.		PC Photocell REC GFCI Receptacle with weather-proof cover*	
AT64 6" to 4" Tapered Aluminum Pole	9 3/4"	13.5	9.6	7.1	5.6	4.4				
AT74 7" to 4" Tapered Aluminum Pole	10 1/2"	20.3	15.0	11.4	9.0	7.3				
AT74 7" to 4" Tapered Aluminum Pole	10 1/2"	15.8	11.4	8.5	6.6	5.3				
AT635 6" to 3 1/2" Tapered Aluminum Pole	9 3/4"	3.9	2.4	1.4	0.8	0.3				
AT74 7" to 4" Tapered Aluminum Pole	10 1/2"	13.4	9.5	7.0	5.4	4.2	25 25 ft.		T3 3" Tennon (supplied with vertical slip fitter) T35 3 1/2" Tennon (supplied with 4" poles for arm mounting)	
AT104 10" to 4" Tapered Aluminum Pole	15 1/4"	35.4	26.6	20.6	16.3	13.0				
AT104 10" to 4" Tapered Aluminum Pole	15 1/4"	26.8	20.0	15.3	11.7	9.2				
AT104 10" to 4" Tapered Aluminum Pole	15 1/4"	21.6	15.9	12.0	9.1	6.8	30 30 ft.		* Weatherproof cover intended for portable tools or other portable equipment connected to the outlet only when attended. For other requirements please consult factory.	
							35 35 ft.			
Other pole configurations available, consult factory		EPA Calculations allow for 1.3 Gust Factor					See Mounting Configurations Page for fixture and arm EPA values			

Other pole configurations available, consult factory

EPA Calculations allow for 1.3 Gust Factor

See Mounting Configurations Page for fixture and arm EPA values