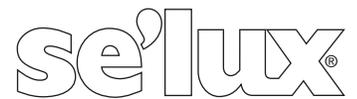


Arc[®] Mini

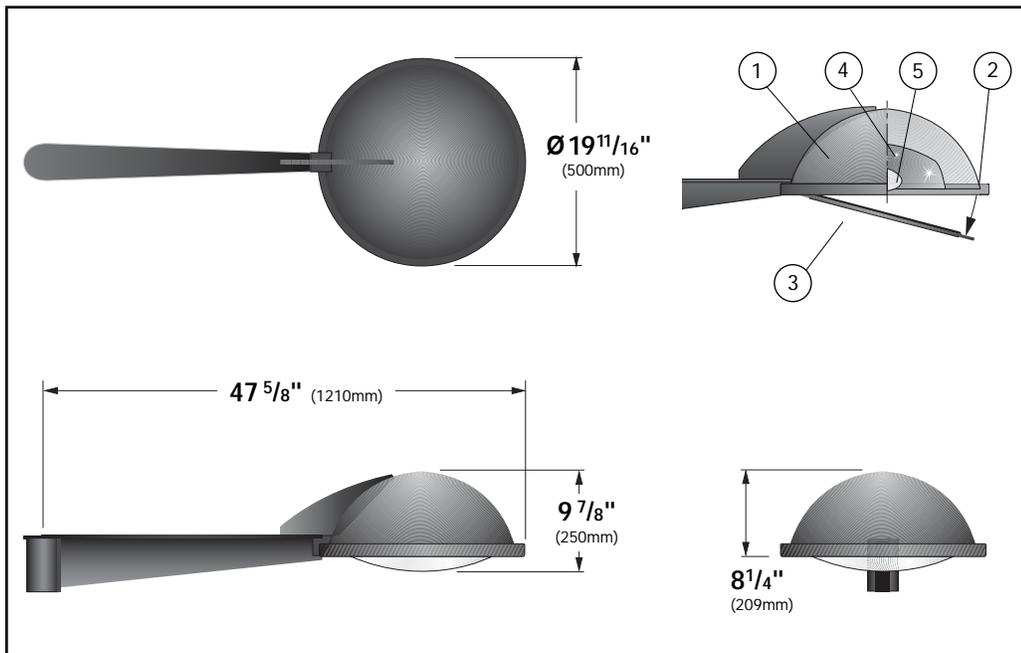


Project: _____

Type: _____ **Qty:** _____

AR2	-	-	-	-	-	-
Fixture Series	Shielding	Reflector	Mounting/Version	Lamp Type/Wattage	Finish	Voltage
-	-	-	-	-	-	-
Pole Series	Height	Finish	Options			

Series	Shielding	Reflector	Mounting/ Version	Lamp Type / Wattage		Finish	Voltage
AR2 ArcMini	L Flat Glass Lens	R2 Type I Aluminum Reflector	TOLTEC ARM SERIES: S1 Single 29" Arm Mount S2 Double 29" Arm Mount L1 Single 41" Arm Mount L2 Double 41" Arm Mount SPANNER ARM SERIES: AS1 Single 48" Arm Mount AS2 Double 48" Arm Mount AL1 Single 96" Arm Mount GLADIATOR ARM SERIES: BS1 Single 48" Arm Mount BS2 Double 48" Arm Mount BL1 Single 96" Arm Mount DIRECT MOUNT: DM1 Single 21" Direct Mount	Metal Halide	HPS	WH White BK Black BZ Bronze SV Silver SP Specify RAL#	120 208 240 277 347
	S Sagged Glass Lens			H050* 50w H070 70w H100 100w H150 150w H175 175w S050* 50w S070 70w S100 100w S150 150w			

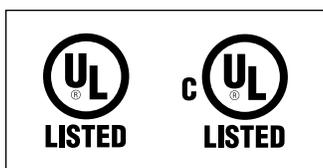


7. Diffuser - Clear, tempered glass with minimum wall thickness of 1/8" (3.17mm) either Flat or Sagged glass lens.

8. Socket - 4KV Pulse rated porcelain medium base socket for lamps up to 175w. Socket is pre-wired to ballast at factory.

Exterior Luminaire Finish - SELUX utilizes a high quality Polyester Powder Coating. All SELUX luminaires and poles undergo a five stage intensive pretreatment process whereby 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#.



1. Fixture Housing - Formed aluminum houses sealed optics and ballast.

2. Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all fixture connections.

3. Access Door - Formed aluminum door secures lens. Hinges open and retained in place with two quarter-turn captive fasteners

4. Reflector - Electropolished and anodized aluminum reflector, producing asymmetrical light distribution.

5. Lamp - One coated, ED17 medium base metal halide up to 175w, or high pressure sodium up to 150w. Lamp provided by others.

6. Ballast - A high power factor, open core and coil ballast regulates voltage for H.I.D. lamp. Mounted to removable tray for ease of servicing. Consult factory for detailed ballast information.

**Union Made
Affiliated with
IBEW Local 363**

SELUX Corp. © 2002
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 FAX: (845) 691-6749
 E-mail: seluxus@selux.com
 Web Site: www.selux.com/usa
 AR2-1203-01 (SS-v2.3)

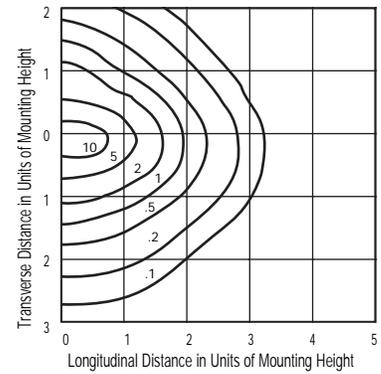
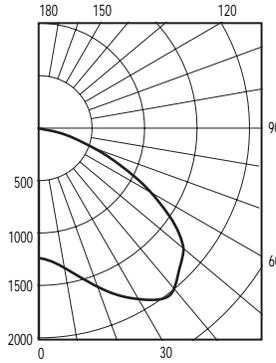
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supersede all other printed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

Photometry

Catalog # AR2-S-R2-1-S070
Report # 7801

- Precision formed aluminum reflector with specular kick reflectors to precisely control distribution.
- Ideal for applications demanding maximum spacing.
- Maximum candela of 2009 at 40° from vertical.
- IES classification - Type I Cutoff*

* Fixture is Full Cutoff with "L" Flat Glass option

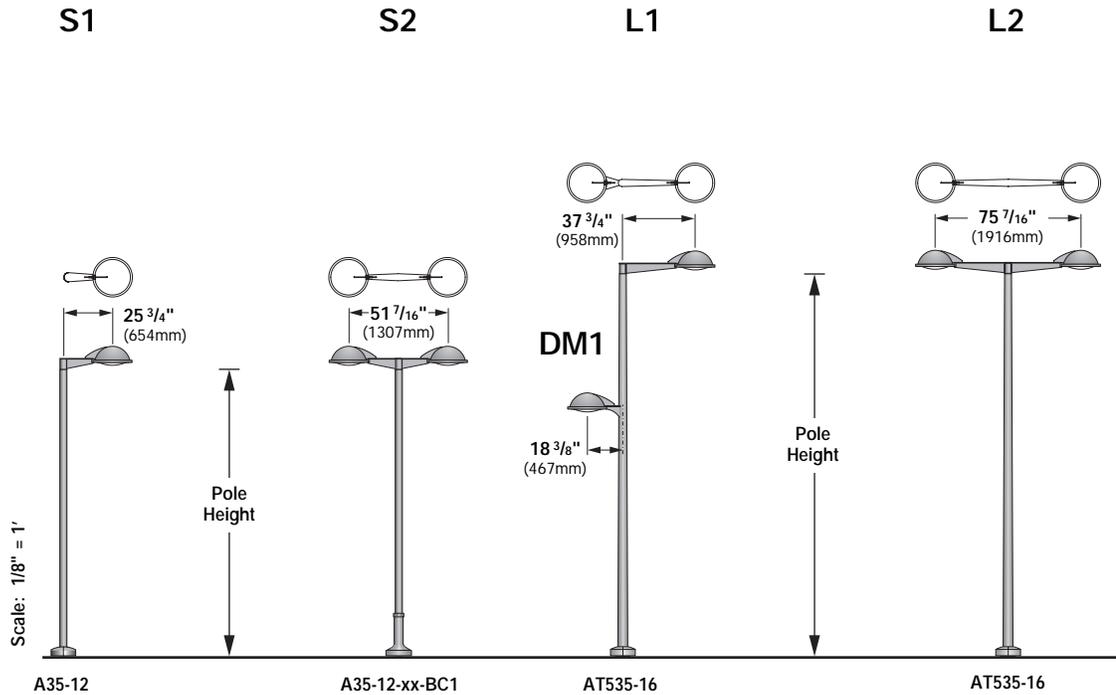


HID Lamp Prorate Table					
High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.64	3700	50	0.59	3400
70	1.00	5800	70	0.86	5000
100	1.52	8800	100	1.34	7800
150	2.50	14500	150	2.15	12500
			175	2.41	14000

Conversion Chart	
Values based on 10' mounting height.	
Mounting Height	Multiply
10'	1.00
12'	0.69
14'	0.51
16'	0.39
18'	0.31

Mounting

Toltec Arm Series



EPA / Weight of AR2-S1 (with arm) = 1.01 ft² (0.09m²) / 39 lbs (17.7kg)

EPA / Weight of AR2-S2 (with arms) = 1.88 ft² (0.17m²) / 75 lbs (34.0kg)

EPA / Weight of AR2-L1 (with arm) = 1.39 ft² (0.13m²) / 41 lbs (18.6kg)

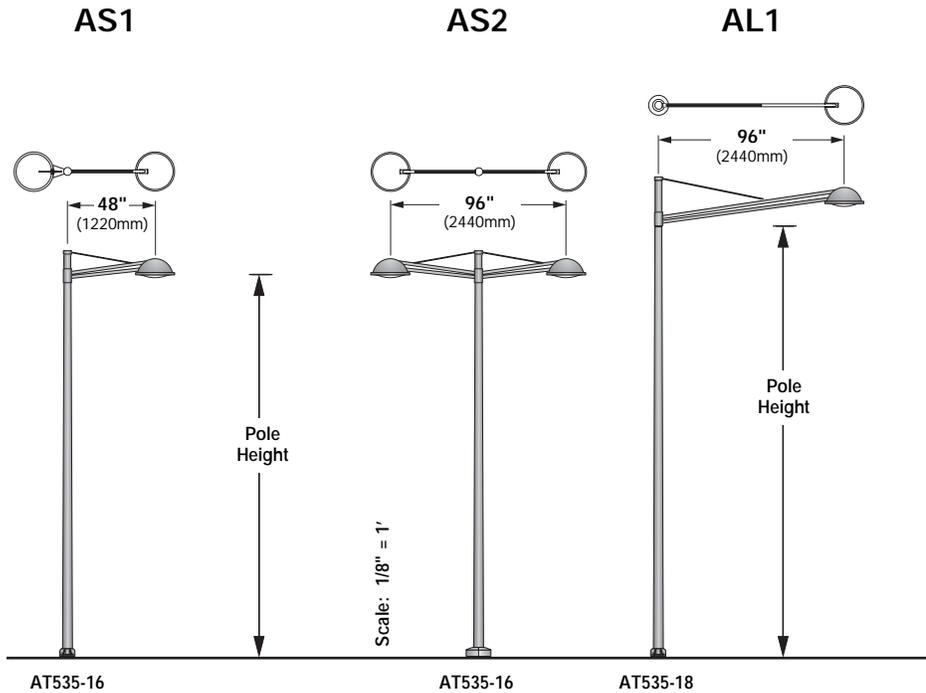
EPA / Weight of AR2-L2 (with arms) = 2.63 ft² (0.24m²) / 79 lbs (35.8kg)

EPA / Weight of AR2-DM1 (with arm) = 0.94 ft² (0.09m²) / 34 lbs (15.5kg)

Note: EPA values indicated are for Fixture Head and Arm Assembly indicated. Pole EPA is not included. See back page for pole EPA values.

Mounting (cont.)

Spanner Arm Series



EPA / Weight of AR2-AS1 (with arm) = 1.09 ft² (0.10m²) / 41 lbs (18.6kg)

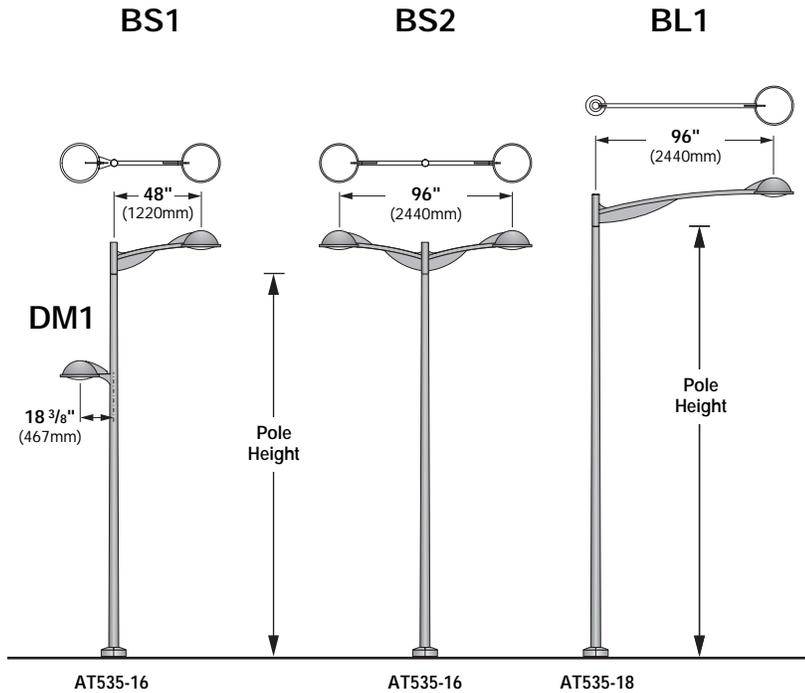
EPA / Weight of AR2-AS2 (with arms) = 1.93 ft² (0.18m²) / 80 lbs (36.4kg)

EPA / Weight of AR2-AL1 (with arm) = 1.74 ft² (0.16m²) / 53 lbs (24.1kg)

Note: EPA values indicated are for Fixture Head and Arm Assembly indicated. Pole EPA is not included. See back page for pole EPA values.

Mounting (cont.)

Gladiator Arm Series

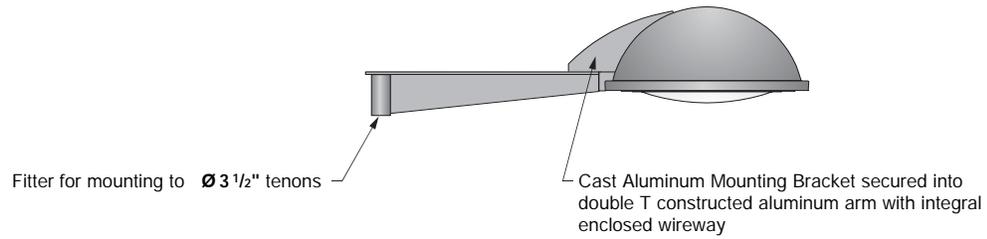


- EPA / Weight of AR2-BS1 (with arm) = 1.94 ft² (0.18m²) / 44 lbs (20.0kg)
- EPA / Weight of AR2-BS2 (with arms) = 3.63 ft² (0.34m²) / 82 lbs (37.3kg)
- EPA / Weight of AR2-DM1 (with arm) = 0.94 ft² (0.09m²) / 34 lbs (15.5kg)
- EPA / Weight of AR2-BL1 (with arm) = 3.09 ft² (0.29m²) / 55 lbs (25.0kg)

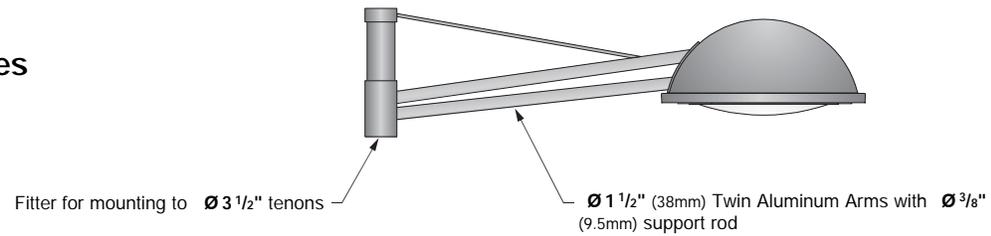
Note: EPA values indicated are for Fixture Head and Arm Assembly indicated. Pole EPA is not included. See back page for pole EPA values.

Arm Construction Details

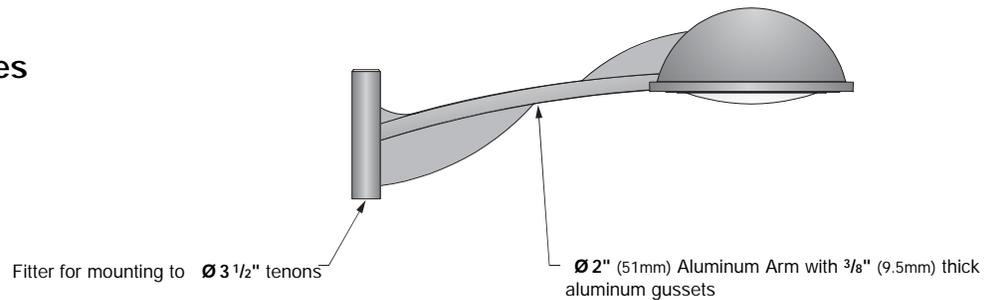
Toltec Arm Series (L1 shown)



Spanner Arm Series (AS1 shown)

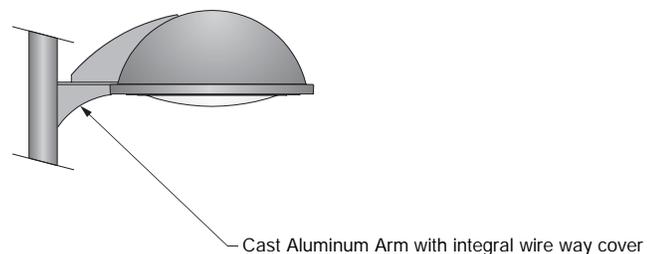
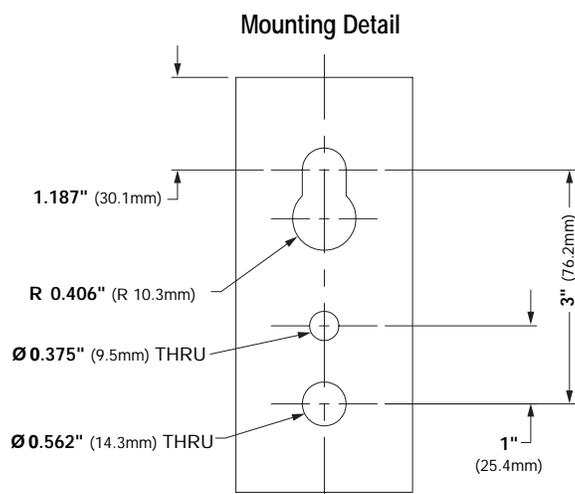


Gladiator Arm Series (BS1 shown)



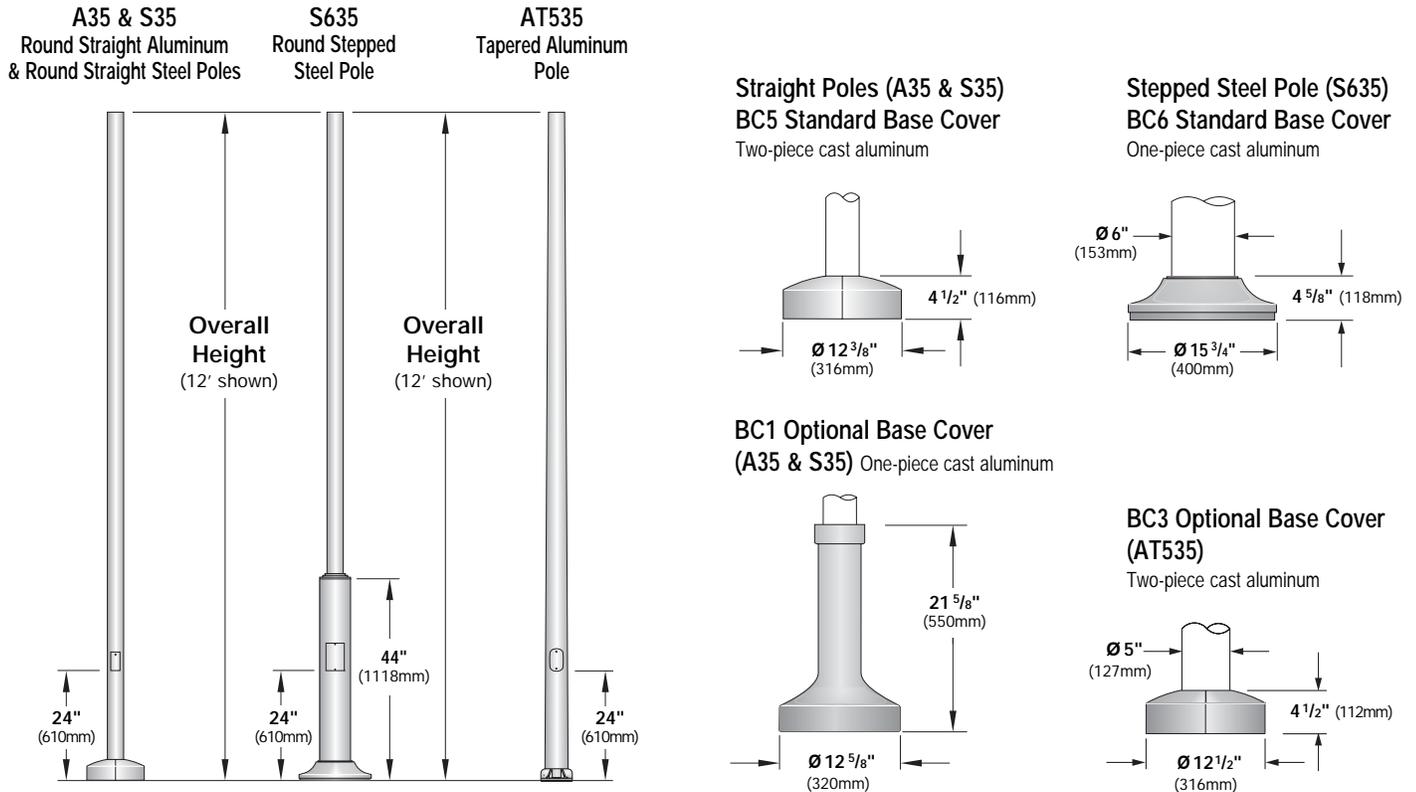
Direct Mount Mounting (DM1)

For side mounting to pole.



Pole Information

Refer to A35, S635, S35, or AT535-AT635 Pole specification sheets for construction details, anchorage information and additional options.



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"	45.6	35.0	27.3	21.6	17.8	10 10 ft.	WH White BK Black	BC1 Decorative Cast Aluminum Base Cover (for A35 & S35 poles only)
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	12.4	9.3	7.1	5.4	4.3			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	11.4	8.6	6.5	4.9	3.9			
S635 3 1/2" Diameter Stepped Steel Pole	9"	37.6	28.7	22.3	17.5	14.4	12 12 ft.	BZ Bronze SV Silver	BC4 One-piece Cast Aluminum Base Cover (for A35 & S35 poles only)
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	9.9	7.3	5.4	4.0	3.1			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	9.1	6.7	4.9	3.6	2.8			
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	19.4	14.4	10.9	8.6	6.9	14 14 ft.	SP Specify RAL#	BC3 Optional Two-Cast Aluminum Base Cover (AT535 poles only)
S635 3 1/2" Diameter Stepped Steel Pole	9"	31.7	24.2	18.6	14.6	11.9			
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	8.0	5.8	4.2	3.0	2.2			
S35 3 1/2" Diameter Straight Steel Pole	7 3/4"	7.3	5.3	3.8	2.7	1.9	16 16 ft.		REC GFCI Receptacle with weather-proof cover*
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	12.9	9.4	7.1	5.5	4.4			
S635 3 1/2" Diameter Stepped Steel Pole	9"	21.7	15.8	12.3	9.6	7.6			
A35 3 1/2" Diameter Straight Aluminum Pole	7 3/4"	4.9	3.2	2.2	1.4	.08	18 18 ft.		PC Photocell
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			
AT535 5" to 3 1/2" Tapered Aluminum Pole	8 1/2"	11.1	7.8	5.6	4.2	3.2			

Other pole configurations available, consult factory.

EPA Calculations allow for 1.3 Gust Factor