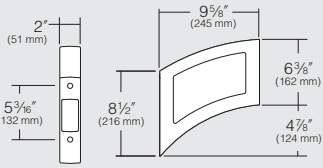


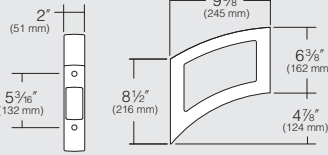
Contemporary Arms & Poles

SITE / ROADWAY

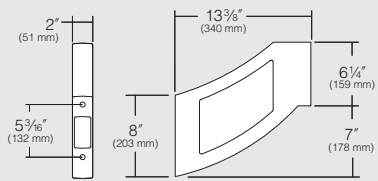
AA01 - Large Swept Solid Arm



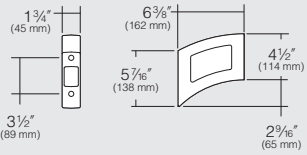
AA03 - Large Swept Hollow Arm



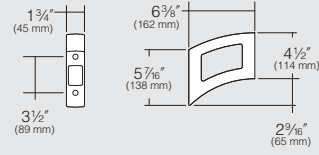
AA05 - Large Upsweep Solid Arm



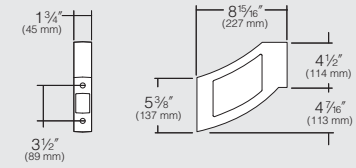
AA02 - Small Swept Solid Arm



AA04 - Small Swept Hollow Arm



AA06 - Small Upsweep Solid Arm



ARM EPA GUIDE:

The Archetype®

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
SAR	Standard	.07	1.4	1.2	1.9	1.9	2.5
	AA02	.08	1.6	1.3	2.1	2.1	2.7
	AA04	0.7	1.4	1.2	1.9	1.9	2.5
	AA06	1.0	2.0	1.5	2.5	2.5	3.0
	AA08	0.8	1.6	1.3	2.1	2.1	2.7
	AA10/AA12	1.2	2.4	1.7	2.9	2.9	3.5
AR	Standard	1.2	2.4	2.0	3.2	3.2	3.9
	AA01	1.4	2.8	2.2	3.6	3.6	4.3
	AA03	1.1	2.2	1.9	3.0	3.0	3.7
	AA05	1.7	3.4	2.5	4.2	4.2	4.9
	AA07	1.2	2.4	2.0	3.2	3.2	3.9
	AA09/AA11	1.9	3.8	2.7	4.6	4.6	5.3

The Entablature®

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
SET	Standard	1.0	2.0	1.5	2.4	2.2	2.7
	AA02	1.1	2.2	1.6	2.6	2.4	2.9
	AA04	1.0	2.0	1.5	2.4	2.2	2.7
	AA06	1.2	2.4	1.7	2.9	2.7	3.2
	AA08	1.0	2.0	1.5	2.4	2.2	2.7
	AA10/AA12	1.4	2.8	1.9	3.3	3.1	3.7
ET	Standard	1.8	3.6	2.6	4.1	3.9	4.7
	AA01	2.0	4.0	2.8	4.6	4.4	5.2
	AA03	1.6	3.2	2.4	3.8	3.6	4.4
	AA05	2.2	4.4	3.0	4.8	4.6	5.4
	AA07	1.8	3.6	2.6	4.1	3.9	4.7
	AA09/AA11	2.3	4.6	3.1	5.2	5.0	5.8

Structural™

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
STS	Standard	1.1	2.2	1.5	2.6	2.6	2.7
	AA02	1.0	2.0	1.4	2.4	2.4	2.5
	AA04	0.9	1.8	1.3	2.2	2.2	2.3
	AA06	1.1	2.2	1.5	2.6	2.6	2.7
	AA08	1.0	2.0	1.4	2.4	2.4	2.5
	AA10/AA12	1.3	2.6	1.8	3.1	3.1	3.5
STL	Standard	2.2	4.4	2.8	5.0	5.0	5.3
	AA01	2.2	4.4	2.8	5.0	5.0	5.3
	AA03	1.8	3.6	2.4	4.2	4.2	4.5
	AA05	2.4	4.8	3.0	5.4	5.4	5.7
	AA07	1.9	3.8	2.5	4.4	4.4	4.7
	AA09/AA11	2.6	5.2	3.2	5.8	5.8	6.1
STX	Standard	3.5	7.0	4.5	8.0	8.0	8.5
	AA01	3.1	6.2	4.1	7.2	7.2	7.7
	AA03	2.7	5.4	3.7	6.4	6.4	6.9
	AA05	3.3	6.6	4.3	7.6	7.6	7.9
	AA07	2.8	5.6	3.8	6.6	6.6	6.9
	AA09/AA11	3.5	7.0	4.5	8.0	8.0	8.5

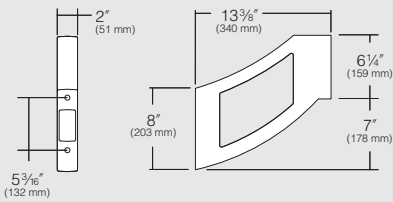
Matrix™

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
MX21A	Standard	2.1	4.2	3.8	5.1	-	6.0
	AA01	2.2	4.4	3.9	5.3	-	6.2
	AA03	1.8	3.6	3.5	4.5	-	5.4
	AA05	2.4	4.8	4.1	5.7	-	6.6
	AA07	1.9	3.8	3.6	4.7	-	5.6
	AA09/AA11	2.6	5.2	4.3	6.1	-	7.0

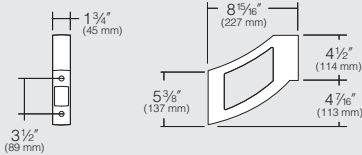
GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

Contemporary Arms & Poles

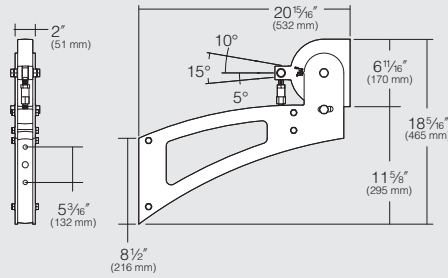
AA07 - Large Swept Solid Arm



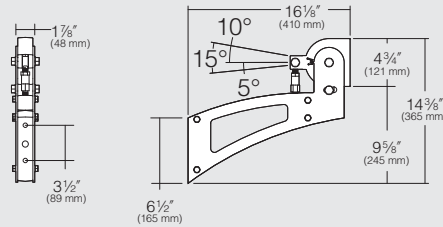
AA08 - Small Swept Solid Arm



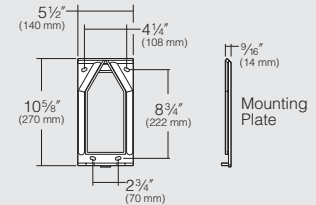
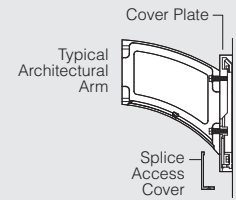
AA09/AA11 - Large Uplift Adjustable Arm



AA10/AA12 - Small Uplift Adjustable Arm



Wall Mounting for All Arms



ARM EPA GUIDE:

Curvilinear Cutoff

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
CC17A	Standard	0.9	1.8	1.6	2.5	2.5	2.8
	AA01	1.3	2.6	2.0	3.3	3.3	3.6
	AA03	1.0	2.0	1.7	2.7	2.7	3.0
	AA05	1.5	3.0	2.2	3.7	3.7	4.0
	AA07	1.1	2.2	1.8	2.9	2.9	3.2
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
CC21A	Standard	1.2	2.4	2.2	3.4	3.4	3.9
	AA01	1.6	3.2	2.6	4.2	4.2	4.7
	AA03	1.3	2.6	2.3	3.6	3.6	4.1
	AA05	1.8	3.6	2.8	4.6	4.6	5.1
	AA07	1.4	2.8	2.4	3.8	3.8	4.3
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
CC25A	Standard	1.5	3.0	2.7	4.3	4.3	4.9
	AA01	1.7	3.4	2.9	4.6	4.6	5.1
	AA03	1.4	2.8	2.6	4.1	4.1	4.7
	AA05	1.9	3.8	3.1	5.1	5.1	5.7
	AA07	1.5	3.0	2.7	4.3	4.3	4.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
CC29A	Standard	1.8	3.6	3.3	5.2	5.2	5.9
	AA01	2.0	4.0	3.5	5.5	5.5	6.2
	AA03	1.7	3.4	3.2	4.9	4.9	5.6
	AA05	2.2	4.4	3.7	5.9	5.9	6.6
	AA07	1.8	3.6	3.3	5.2	5.2	5.9
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2

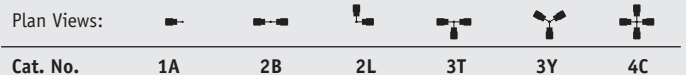
AC Series

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
ACA21	Standard	1.8	3.6	2.8	4.0	4.0	4.2
	AA01	2.0	4.0	3.0	4.4	4.4	4.6
	AA03	1.6	3.2	2.6	3.6	3.6	3.8
	AA05	2.2	4.4	3.2	4.8	4.8	5.0
	AA07	1.7	3.4	2.7	3.8	3.8	4.0
	AA09/AA11	2.4	4.8	3.4	5.2	5.2	5.4
	AA09/AA11	2.4	4.8	3.4	5.2	5.2	5.4
ACA27	Standard	2.7	5.4	3.6	5.9	5.9	6.3
	AA01	2.7	5.4	3.6	5.9	5.9	6.3
	AA03	2.3	4.6	3.2	5.1	5.1	5.4
	AA05	2.9	5.8	3.8	6.3	6.3	6.7
	AA07	2.4	4.8	3.3	5.3	5.3	5.7
	AA09/AA11	3.1	6.2	4.0	6.7	6.7	7.1
	AA09/AA11	3.1	6.2	4.0	6.7	6.7	7.1

VL

Fixture	Architectural Arm	Mounting Cat. No.					
		1A	2B	2L	3T	3Y	4C
VLA17	Standard	0.9	1.8	1.6	2.5	2.5	2.8
	AA01	1.3	2.6	2.0	3.3	3.3	3.6
	AA03	1.0	2.0	1.7	2.7	2.7	3.0
	AA05	1.5	3.0	2.2	3.7	3.7	4.0
	AA07	1.1	2.2	1.8	2.9	2.9	3.2
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
VLA21	Standard	1.2	2.4	2.2	3.4	3.4	3.9
	AA01	1.6	3.2	2.6	4.2	4.2	4.7
	AA03	1.3	2.6	2.3	3.6	3.6	4.1
	AA05	1.8	3.6	2.8	4.6	4.6	5.1
	AA07	1.4	2.8	2.4	3.8	3.8	4.3
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
VLA25	Standard	1.5	3.0	2.7	4.3	4.3	4.9
	AA01	1.7	3.4	2.9	4.6	4.6	5.1
	AA03	1.4	2.8	2.6	4.1	4.1	4.7
	AA05	1.9	3.8	3.1	5.1	5.1	5.7
	AA07	1.5	3.0	2.7	4.3	4.3	4.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
VLA29	Standard	1.8	3.6	3.3	5.2	5.2	5.9
	AA01	2.0	4.0	3.5	5.5	5.5	6.2
	AA03	1.7	3.4	3.2	4.9	4.9	5.6
	AA05	2.2	4.4	3.7	5.9	5.9	6.6
	AA07	1.8	3.6	3.3	5.2	5.2	5.9
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2

Mounting Configuration



GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

Contemporary Arms & Poles

ORDERING EXAMPLE: KRS20-5120B(-TS)¹/SG/DR-GFI

POLE EPA GUIDE

ROUND ALUMINUM (NON-TAPERED) POLES				Allowable Pole EPA - See wind map on p. 771							
Pole Catalog No.	X	Y	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PRA8-4125	8'	4" x .125	3/4" x 30 + 3	13.06	11.49	10.46	8.39	6.81	5.65	4.80	4.13
PRA8-5125	8'	5" x .125	3/4" x 30 + 4	21.29	18.79	17.15	14.05	11.72	9.92	8.49	7.34
PRA10-34125	10'	3.375" x .125	3/4" x 15 + 3	6.58	5.70	5.13	3.97	3.09	2.40	1.86	1.43
PRA10-4125	10'	4" x .125	3/4" x 30 + 3	9.78	8.53	7.71	6.05	4.79	3.88	3.27	2.78
PRA10-5125	10'	5" x .125	3/4" x 30 + 4	16.21	14.21	12.90	10.5	8.72	7.34	6.25	5.38
PRA12-34188	12'	3.375" x .188	3/4" x 15 + 3	8.76	7.62	6.86	5.35	4.20	3.30	2.59	2.03
PRA12-4125	12'	4" x .125	3/4" x 30 + 3	7.48	6.44	5.75	4.37	3.32	2.59	2.14	1.78
PRA12-5125	12'	5" x .125	3/4" x 30 + 4	12.67	11.00	9.91	8.01	6.60	5.51	4.66	3.99
PRA12-6188	12'	6" x .188	3/4" x 30 + 3	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
PBTS12-6188	12'	6" x .188	3/4" x 30 + 4	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
PRA14-34188	14'	3.375" x .188	3/4" x 15 + 3	6.94	5.95	5.31	4.01	3.02	2.26	1.65	1.17
PRA14-4125	14'	4" x .125	3/4" x 30 + 3	5.73	4.84	4.25	3.06	2.16	1.57	1.24	0.98
PRA14-4188	14'	4" x .188	3/4" x 30 + 3	10.56	9.14	8.21	6.34	4.92	3.91	3.26	2.74
PRA14-5125	14'	5" x .125	3/4" x 30 + 4	10.01	8.58	7.64	6.10	4.98	4.11	3.44	2.91
PRA14-5188	14'	5" x .188	3/4" x 30 + 4	17.90	15.62	14.12	11.46	9.48	7.95	6.75	5.79
PRA14-6188	14'	6" x .188	3/4" x 30 + 3	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
PBTS14-6188	14'	6" x .188	3/4" x 30 + 4	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
PRA16-4188	16'	4" x .188	3/4" x 30 + 4	8.55	7.31	6.50	4.86	3.62	2.76	2.25	1.85
PRA16-5125	16'	5" x .125	3/4" x 30 + 4	7.90	6.65	5.83	4.57	3.67	2.98	2.45	2.03
PRA16-5188	16'	5" x .188	3/4" x 30 + 4	14.80	12.81	11.50	9.26	7.61	6.34	5.34	4.55
PRA16-6188	16'	6" x .188	3/4" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
PBTS16-6188	16'	6" x .188	3/4" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
PRA20-4188	19.5'	4" x .188	3/4" x 30 + 4	5.33	4.37	3.74	2.48	1.52	0.91	0.63	0.42
PRA20-5125	19.5'	5" x .125	3/4" x 30 + 4	4.50	3.54	2.90	2.11	1.56	1.16	0.85	0.62
PRA20-5188	19.5'	5" x .188	3/4" x 30 + 4	9.83	8.29	7.28	5.73	4.60	3.75	3.09	2.56
PRA20-6188	19.5'	6" x .188	3/4" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
PBTS20-6188	19.5'	6" x .188	3/4" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
PBTS20-8188	19.5'	8" x .188	1" x 36 + 4	33.29	29.52	27.39	22.41	18.65	15.74	13.45	11.61
PRA25-6188	25'	6" x .188	3/4" x 30 + 4	9.74	8.46	8.07	6.38	5.12	4.17	3.43	2.85
PBTS25-8188	25'	8" x .188	1" x 36 + 4	23.35	20.62	19.24	15.63	12.92	10.83	9.19	7.88
PRA30-6188	30'	6" x .188	3/4" x 30 + 4	5.61	4.74	4.69	3.54	2.71	2.08	1.60	1.23
PRA30-6250	30'	6" x .250	3/4" x 30 + 4	11.37	9.88	9.42	7.45	5.99	4.88	4.02	3.34
PBTS30-8188	30'	8" x .188	1" x 36 + 4	16.71	14.66	13.79	11.1	9.07	7.53	6.31	5.35

ROUND STEEL (NON-TAPERED) POLES				Allowable Pole EPA - See wind map on p. 771							
Pole Catalog No.	X	Y	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
KRS10-4120	10'	4" x 11 ga.	3/4" x 15 + 3	21.61	19.07	17.41	14.07	11.53	9.63	8.22	7.09
KRS12-4120	12'	4" x 11 ga.	3/4" x 15 + 3	17.33	15.22	13.84	11.05	8.94	7.38	6.26	5.37
KRS14-4120	14'	4" x 11 ga.	3/4" x 15 + 3	14.18	12.37	11.18	8.79	6.98	5.67	4.78	4.06
KRS16-4120	16'	4" x 11 ga.	3/4" x 15 + 3	11.72	10.13	9.09	7.01	5.42	4.30	3.58	3.01
KRS20-4120	19.5'	4" x 11 ga.	3/4" x 30 + 4	7.77	6.55	5.75	4.13	2.91	2.10	1.65	1.31
KRS20-4180	19.5'	4" x 7 ga.	3/4" x 30 + 4	12.67	10.92	9.77	7.46	5.70	4.48	3.70	3.09
KRS20-5120	19.5'	5" x 11 ga.	3/4" x 30 + 4	13.57	11.62	10.35	8.26	6.73	5.56	4.65	3.93
KRS20-5180	19.5'	5" x 7 ga.	3/4" x 30 + 4	21.60	18.79	16.94	13.71	11.31	9.47	8.02	6.86
KRS25-5120	25'	5" x 11 ga.	3/4" x 30 + 4	8.46	6.97	6.00	4.61	3.63	2.88	2.31	1.87
KRS25-5180	25'	5" x 7 ga.	3/4" x 30 + 4	14.59	12.44	11.03	8.77	7.12	5.86	4.88	4.10
KRS30-5180	30'	5" x 7 ga.	3/4" x 30 + 4	9.84	8.12	6.99	5.37	4.23	3.36	2.70	2.18

GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

MOUNTING ORIENTATION

•	FM	Flush mt. top of pole
•	A/SA	1 fixture side mt.
••	B/SB	2 fixtures side mt. 180°
•	L/SL	2 fixtures side mt. 90°
•••	T/ST	3 fixtures side mt. 90°
•••	Y/SY	3 fixtures side mt. 120°
••••	C/SC	4 fixtures side mt. 120°

ARM

AA01	Large Swept Solid Arm
AA02	Small Swept Solid Arm
AA03	Large Swept Hollow Arm
AA04	Small Swept Hollow Arm
AA05	Large Upsweep Solid Arm
AA06	Small Upsweep Solid Arm
AA07	Large Upsweep Hollow Arm
AA08	Small Upsweep Hollow Arm
AA09/AA11	Large Uplift Adjustable Aluminum Arm
AA10/AA12	Small Uplift Adjustable Stainless Steel Arm

See drawings on p. 766-767.

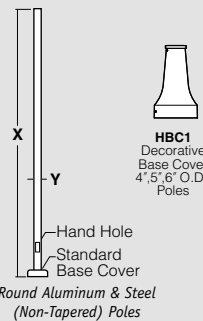
FINISH

BL	Black
DB	Dark Bronze
LG	Light Gray
SG	Stealth Gray™
PS	Platinum Silver
WH	White
CC	Custom Color*

*Consult representative

POLE OPTIONS

HB-__	Hinged Pole Base ²
DR	Duplex Receptacle ³
DR-GFI	Duplex Receptacle Ground Fault Interrupter ³
BC4	Cast alum. bolt covers, 4" pole ⁴
BC5	Cast alum. bolt covers, 5" pole ⁴
HBC1	Decorative Base Cover

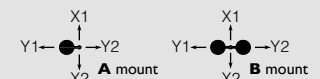


¹ Add TS, TD or TR Structural Option for small and large Structural or XTS, XTD or XTR for 1000W Structural Luminaire

² Hinged Pole Base direction dictated by surrounding environment. Round Aluminum (Non-Tapered) Poles only

Example: HB-X1

NOTE: for FM mount, use HB-X1 base



³ DR & DR-GFI not available for Tapered Round Aluminum Pole.

⁴ Four cast aluminum anchor bolt covers for Round Steel (Non-Tapered) Poles only.

Contemporary Arms & Poles

ORDERING EXAMPLE: PTRS25-68120B(-TS)¹/SG/DR-GFI

POLE EPA GUIDE					Allowable Pole EPA – See wind map on p. 771							
TAPERED ROUND ALUMINUM POLES					85	90	100	110	120	130	140	150
Pole Catalog No.	X	Y	Z	Anchor Bolt Size	(38m/s)	(40m/s)	(45m/s)	(49m/s)	(54m/s)	(58m/s)	(63m/s)	(67m/s)
LTRA16-6156	16'	6" x .156	4"	¾" x 30 + 4	21.80	19.36	17.93	14.70	12.26	10.30	8.67	7.36
LTRA16-6188	16'	6" x .188	4"	¾" x 30 + 4	26.32	23.38	21.64	17.77	14.83	12.49	10.56	9.01
LTRA20-5156	20'	5" x .156	3"	¾" x 30 + 4	9.67	8.51	7.98	6.45	5.30	4.42	3.73	3.18
LTRA20-5188	20'	5" x .188	3"	¾" x 30 + 4	12.01	10.59	9.89	8.03	6.63	5.55	4.70	4.03
LTRA20-6156	20'	6" x .156	4"	¾" x 30 + 4	15.75	13.94	12.96	10.58	8.77	7.30	6.04	5.03
LTRA20-6188	20'	6" x .188	4"	¾" x 30 + 4	19.23	17.04	15.82	12.94	10.76	8.99	7.50	6.30
LTRA25-6156	25'	6" x .156	4"	¾" x 30 + 4	10.73	9.44	8.85	7.15	5.88	4.79	3.84	3.06
LTRA25-6188	25'	6" x .188	4"	¾" x 30 + 4	13.39	11.82	11.04	8.96	7.39	6.08	4.95	4.03
LTRA25-7156	25'	7" x .156	4"	1" x 36 + 4	16.32	14.43	13.44	10.95	8.85	7.19	5.88	4.81
LTRA25-8156	25'	8" x .156	4½"	1" x 36 + 4	16.32	14.43	13.44	10.95	8.85	7.19	5.88	4.81
LTRA30-7156	30'	7" x .156	4"	1" x 36 + 4	11.90	10.47	9.81	7.93	6.26	2.26	3.87	3.02
LTRA30-8156	30'	8" x .156	4½"	1" x 36 + 4	17.06	15.09	13.96	11.00	8.75	4.93	5.60	4.48
LTRA30-8188	30'	8" x .188	4½"	1" x 36 + 4	21.03	18.62	17.31	13.69	11.01	6.99	7.26	5.92
LTRA30-8250	30'	8" x .250	4½"	1" x 36 + 4	28.43	25.23	23.30	18.72	15.23	8.92	10.36	8.63
LTRA35-8156	35'	8" x .156	4½"	1" x 36 + 4	13.01	11.45	10.63	8.17	6.30	12.52	3.69	2.75
LTRA35-8188	35'	8" x .188	4½"	1" x 36 + 4	16.30	14.38	13.33	10.40	8.17	4.84	5.06	3.95
LTRA35-8250	35'	8" x .250	4½"	1" x 36 + 4	22.44	19.86	18.37	14.57	11.68	6.44	7.64	6.20
LTRA35-10188	35'	10" x .188	6"	1" x 48 + 6	28.03	24.51	22.20	17.56	14.03	11.29	9.11	7.35
LTRA39-8188	39'	8" x .188	4½"	1" x 36 + 4	13.29	11.68	10.85	8.28	6.33	4.81	3.60	2.63
LTRA39-8250	39'	8" x .250	4½"	1" x 36 + 4	18.68	16.49	15.28	11.94	9.40	7.43	5.86	4.60
LTRA39-10188	39'	10" x .188	6"	1" x 48 + 6	23.51	20.43	18.40	14.33	11.23	8.82	6.91	5.37
LTRA39-10250	39'	10" x .250	6"	1" x 48 + 6	32.23	28.20	25.56	20.25	16.20	13.06	10.56	8.55
LTRA48-10250	48'	10" x .250	6"	1" x 48 + 6	22.78	19.65	17.59	13.46	10.31	7.87	5.93	4.36
LTRA50-10250	50'	10" x .250	6"	1¼" x 42 + 6	15.85	13.44	9.65	6.85	4.72	3.07	1.75	-

TAPERED ROUND STEEL POLES					Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X	Y	Z	Anchor Bolt Size	85	90	100	110	120	130	140	150
					(38m/s)	(40m/s)	(45m/s)	(49m/s)	(54m/s)	(58m/s)	(63m/s)	(67m/s)
PTRS20-61120	20'	6.1" x .11 ga.	3.3" ^{1,2}	¾" x 30 + 4	29.50	26.21	24.25	19.91	16.62	14.07	11.89	10.14
PTRS20-65120	20'	6.5" x .11 ga.	3.7" ²	1" x 36 + 4	34.07	30.29	28.01	23.01	19.23	16.11	13.64	11.64
PTRS25-68120	25'	6.8" x .11 ga.	3.3" ^{1,2}	¾" x 30 + 4	27.59	24.49	22.69	18.60	15.47	12.86	10.79	9.12
PTRS25-7120	25'	6.8" x .11 ga.	3.3" ^{1,2}	1" x 36 + 4	28.47	25.24	23.43	19.16	15.93	13.44	11.47	9.77
PTRS30-75120	30'	7.5" x .11 ga.	3.3" ^{1,2}	1" x 36 + 4	25.50	22.57	20.99	17.13	14.21	11.95	10.02	8.38
PTRS30-81120	30'	8.1" x .11 ga.	3.9" ²	1" x 36 + 4	30.65	27.16	25.22	20.62	17.14	14.27	11.89	9.97
PTRS35-85120	35'	8.5" x .11 ga.	3.6" ^{1,2}	1" x 36 + 4	27.28	24.14	22.46	18.32	15.11	12.37	10.19	8.44
PTRS39-9120	39'	9" x .11 ga.	3.5" ²	1" x 36 + 4	26.45	23.39	21.78	17.74	14.33	11.63	9.48	7.75
PTRS45-10120	45'	10" x .11 ga.	3.9" ²	1" x 36 + 4	27.15	23.98	22.36	17.61	13.99	11.17	8.93	7.13
PTRS50-10120	50'	10" x .11 ga.	3.9" ^{1,2}	1" x 36 + 4	17.18	15.08	11.84	8.87	6.60	4.83	3.43	2.30
PTRS50-11188	50'	11" x .7 ga.	4.2"	1¼" x 42 + 6	35.90	31.78	24.65	19.30	15.24	12.07	9.56	7.54

¹ Add TS, TD or TR Structural Option for small and large Structural or XTS, XTD or XTR for 1000W Structural Luminaire
² DR & DR-GFI not available for Tapered Round Aluminum Pole.

GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

MOUNTING ORIENTATION	
• FM	Flush mt. top of pole
• PT	Pole Tenon mt.
• A/SA	1 fixtures side mt.
• B/SB	2 fixtures side mt. 180°
• L/SL	2 fixtures side mt. 90°
• T/ST	3 fixtures side mt. 90°
• Y/SY	3 fixtures side mt. 120°
• C/SC	4 fixtures side mt. 120°

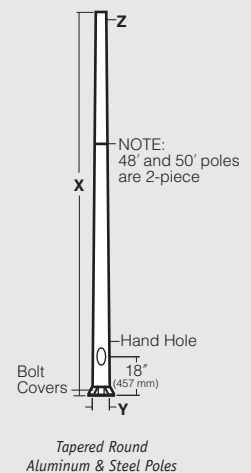
ARM	
AA01	Large Swept Solid Arm
AA02	Small Swept Solid Arm
AA03	Large Swept Hollow Arm
AA04	Small Swept Hollow Arm
AA05	Large Upsweep Solid Arm
AA06	Small Upsweep Solid Arm
AA07	Large Upsweep Hollow Arm
AA08	Small Upsweep Hollow Arm
AA09/AA11	Large Uplift Adjustable Aluminum Arm
AA10/AA12	Small Uplift Adjustable Stainless Steel Arm

See drawings on p. 766-767.

FINISH	
BL	Black
DB	Dark Bronze
LG	Light Gray
SG	Stealth Gray™
PS	Platinum Silver
WH	White
CC	Custom Color*

*Consult representative

POLE OPTIONS	
DR	Duplex Receptacle ²
DR-GFI	Duplex Receptacle Ground Fault Interrupter ²



Contemporary Arms & Poles

ORDERING EXAMPLE: KSS20-4120B(-TS)²/SG/DR-GFI

POLE EPA GUIDE

SQUARE ALUMINUM (NON-TAPERED) POLES				Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X	Y	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PSA12-4125	12'	4" x .125	3/4" x 15 + 3	12.82	11.05	9.88	7.53	5.75	4.36	3.26	2.37
PSA14-4125	14'	4" x .125	3/4" x 15 + 3	9.87	8.34	7.34	5.33	3.80	2.61	1.67	-
PSA14-4188	14'	4" x .188	3/4" x 15 + 3	18.08	15.67	14.09	10.90	8.48	6.60	5.11	3.90
PSA16-4125	16'	4" x .125	3/4" x 15 + 3	7.50	6.16	5.29	3.53	2.19	1.15	-	-
PSA16-4188	16'	4" x .188	3/4" x 15 + 3	14.68	12.57	11.19	8.40	6.29	4.64	3.33	2.28
PSA20-4188	19.5'	4" x .188	3/4" x 30 + 4	9.70	8.07	7.00	4.85	3.22	1.94	0.93	-
PSA20-5188	19.5'	5" x .188	3/4" x 30 + 4	16.80	14.19	12.47	9.01	6.39	4.34	2.72	1.41
PSA25 ¹ -5400	25'	5" x .400	3/4" x 30 + 4	14.79	12.23	10.55	7.18	4.62	2.62	1.04	-
PSA30 ² -6400	30'	5" x .400	1" x 36 + 4	14.73	11.79	9.86	5.98	3.03	-	-	-
PSA30 ³ -66500	30'	5" x .500	1" x 36 + 4	29.42	24.74	21.67	15.51	10.82	7.16	4.27	1.93

¹ Pole reinforced to 40" above base, to .400", remaining section is .188".
² Pole reinforced to 40" above base, to .400", remaining section is .250".
³ Pole reinforced to 40" above base, to .500", remaining section is .250".

SQUARE STEEL (NON-TAPERED) POLES				Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X	Y	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
KSS10-4120	10'	4" x 11 ga.	3/4" x 15 + 3	34.16	30.24	27.67	22.51	18.58	15.52	13.10	11.14
KSS12-4120	12'	4" x 11 ga.	3/4" x 15 + 3	27.70	24.44	22.30	17.99	14.72	12.17	10.15	8.52
KSS14-4120	14'	4" x 11 ga.	3/4" x 15 + 3	22.97	20.17	18.34	14.65	11.84	9.66	7.93	6.53
KSS16-4120	16'	4" x 11 ga.	3/4" x 15 + 3	19.32	16.87	15.26	12.04	9.58	7.67	6.15	4.93
KSS20-4120	19.5'	4" x 11 ga.	3/4" x 30 + 4	13.78	11.90	10.66	8.16	6.27	4.80	3.63	2.68
KSS20-4180	19.5'	4" x 7 ga.	3/4" x 30 + 4	21.36	18.65	16.87	13.30	10.59	8.48	6.80	5.45
KSS25-4120	25'	4" x 11 ga.	3/4" x 30 + 4	18.55	7.11	6.16	4.26	2.61	1.69	0.80	-
KSS25-4180	25'	4" x 7 ga.	3/4" x 30 + 4	14.33	12.26	10.91	8.18	6.11	4.50	3.22	2.18
KSS25-5120	25'	5" x 11 ga.	3/4" x 30 + 4	15.24	12.94	11.44	8.41	6.11	4.32	2.90	1.75
KSS25-5180	25'	5" x 7 ga.	3/4" x 30 + 4	24.71	21.40	19.22	14.84	11.52	8.93	6.87	5.21
KSS30-4180	30'	4" x 7 ga.	3/4" x 30 + 4	9.80	8.14	7.06	4.87	3.21	1.91	-	-
KSS30-5180	30'	5" x 7 ga.	3/4" x 30 + 4	17.71	15.05	13.30	9.79	7.12	5.04	3.40	2.07

TAPERED SQUARE STEEL POLES					Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X	Y	Z	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PTSS20-52120	20'	5 1/4" x 11 ga.	3 1/4"	1" x 36 + 4	32.52	28.54	25.93	20.69	16.71	13.60	11.14	9.15
PTSS25-62120	25'	6 1/4" x 11 ga.	3 3/4"	1" x 36 + 4	34.25	29.90	27.05	21.31	16.95	13.56	10.86	8.69
PTSS30-62120	30'	6 1/4" x 11 ga.	3 1/4"	1" x 36 + 4	25.70	22.21	19.92	15.32	11.83	9.10	6.94	5.20
PTSS35-71120	35'	7 3/8" x 11 ga.	3 3/8"	1" x 36 + 4	27.29	23.44	20.92	15.84	11.99	8.98	6.60	4.68
PTSS39-71120	39'	7 3/8" x 11 ga.	2 7/8"	1" x 48 + 6	22.41	19.03	16.82	12.37	8.98	6.35	4.26	2.57
PTSS39-71188	39'	7 1/8" x 7 ga.	2 7/8"	1" x 48 + 6	36.12	31.27	28.09	21.69	16.82	13.04	10.03	7.61
PTSS45-8188	45'	8" x 7 ga.	3 3/4"	1 1/4" x 42 + 6	36.16	30.97	27.56	20.71	15.50	11.45	8.23	5.64
PTSS45-9188	45'	9" x 7 ga.	4 3/4"	1 1/4" x 42 + 6	47.37	40.74	36.40	27.66	21.02	15.85	11.75	8.44
PTSS50-8188	50'	8" x 7 ga.	3 1/4"	1 1/4" x 42 + 6	21.57	17.87	12.07	7.78	4.52	1.97	-	-
PTSS50-9250	50'	9" x 3 ga.	4 3/8"	1 1/2" x 54 + 6	44.17	37.77	27.74	20.31	14.66	10.27	6.78	3.97

GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

MOUNTING ORIENTATION

■ FM	Flush mt. top of pole
■ A/SA	1 fixture side mt.
■ B/SB	2 fixtures side mt. 180°
■ L/SL	2 fixtures side mt. 90°
■ T/ST	3 fixtures side mt. 90°
■ C/SC	4 fixtures side mt. 120°

ARM

AA01	Large Swept Solid Arm
AA02	Small Swept Solid Arm
AA03	Large Swept Hollow Arm
AA04	Small Swept Hollow Arm
AA05	Large Upsweep Solid Arm
AA06	Small Upsweep Solid Arm
AA07	Large Upsweep Hollow Arm
AA08	Small Upsweep Hollow Arm
AA09/AA11	Large Uplift Adjustable Aluminum Arm
AA10/AA12	Small Uplift Adjustable Stainless Steel Arm

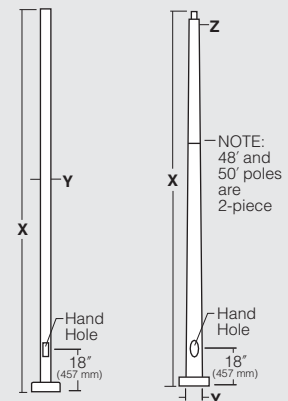
See drawings on p. 762-763.

FINISH

BL	Black
DB	Dark Bronze
LG	Light Gray
SG	Stealth Gray™
PS	Platinum Silver
WH	White
CC	Custom Color

POLE OPTIONS

HB-___	Hinged Pole Base ¹
DR	Duplex Receptacle
DR-GFI	Duplex Receptacle Ground Fault Interrupter



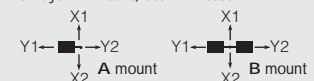
Square Aluminum or Steel (Non-Tapered) Pole

Tapered Square Steel Pole

¹ Hinged Pole Base direction dictated by surrounding environment. Square Aluminum (Non-Tapered) Poles only

Example: HB-X1

NOTE: for FM mount, use H-X1 base

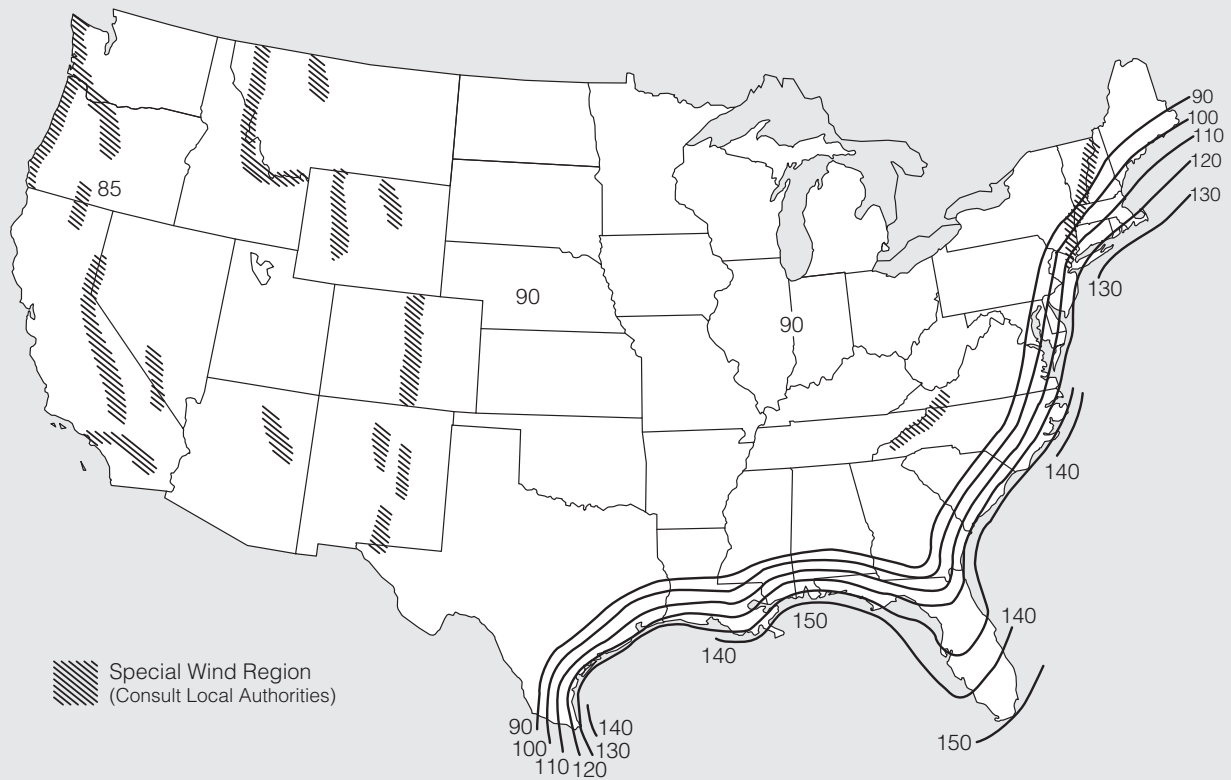


² Add TS, TD or TR Structural Option for small and large Structural or XTS, XTD or XTR for 1000W Structural Luminaire

Wind Map

EPA INFORMATION

All allowable pole and fixture EPAs (Fixture Area x Drag Factor) are derived from the AASHTO standard (American Association of State Highway and Transportation Officials). Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location.



NOTES:

- Values are based on 50 year mean recurrence interval.
- Hawaii has a 105 mph wind velocity.
- Puerto Rico has a 125 mph wind velocity.
- Caution must be exercised in determining wind velocities in special wind areas such as:
 - Mountainous Regions
 - Areas surrounding the Great Lakes or other large bodies of water or open land.
 - Areas subject to extreme wind conditions, such as hurricanes, typhoons, cyclones, and tornadoes.
 - Areas adjacent to airports.
 - Any specific area with a known or suspected abnormally high intermittent wind condition caused by geography, adjacent structures, or other specific local conditions that may not be recorded in National Weather Service records.
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture EPA. Responsibility lies with the specifier for correct pole selection based on AASHTO wind map and job location.
- The Wind Map is intended only as a general guide. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application.

CAUTION:

- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider coefficient of height factors beyond this general guide.
- Extreme Wind Events: Hurricanes, Typhoons, Cyclones, or Tornadoes expose poles to flying debris, wind shear, and other unpredictable aerodynamic forces not indicated by the wind velocity ratings.
- Pole Strength Limited Warranty: Standard, unmodified Kim lighting Poles installed as recommended, undamaged by corrosion, or lack of maintenance, shall withstand steady wind conditions as provided on each pole's Allowable Pole EPA chart. Installation of poles without luminaires, or attachment of any unauthorized accessories to poles shall void this warranty.