KIM LIGHTING®

RSAK Series Poles

ROUND STRAIGHT ALUMINUM

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

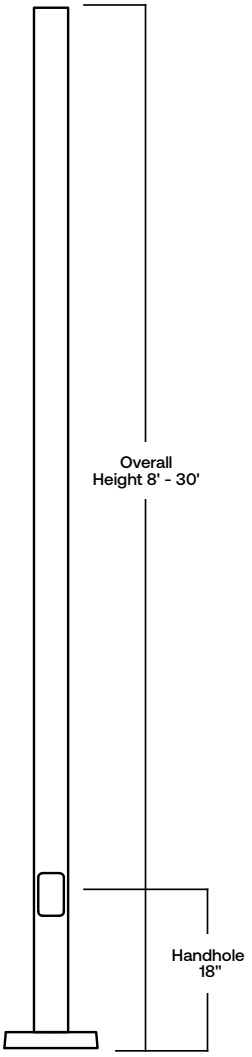
SPECIFICATIONS

CONSTRUCTION

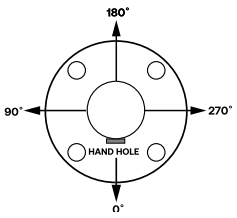
- Shaft: One-piece straight aluminum with round cross section; Extruded shafts of 6061-T6 aluminum in 1/8", 3/16", or 1/4" thickness. Base plate of 356 cast aluminum
- Bolt covers: Four (4) individual bolt covers provided, painted to match pole and base finish
- Pole cap: Cap available for side mounted luminaires. Open top or tenons provided for post top mounted luminaires
- Hand hole: Rectangular 3x5 aluminum hand hole frame (2.28" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
    - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
- Super Durable polyester-TGIC powder coat finish with nominal 3.0 mil thickness. Meets or exceeds AAMA 2604 standards.

INSTALLATION

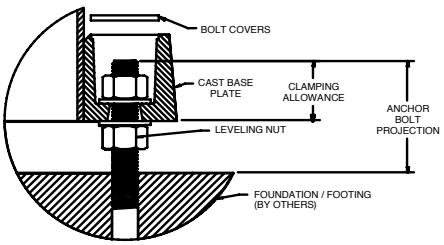
- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location



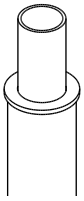
BASE



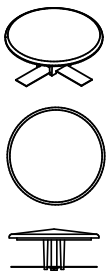
BASE DETAIL



TENON



POLE CAP



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RSAK Series Poles

ROUND STRAIGHT ALUMINUM

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING INFORMATION

Example: RSAK16–40A-2L–K2–BLS–UL

RSAK –

Series	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
RSAK Round Straight Aluminum Pole Kim Lighting	**Reference page 3 Ordering matrix**	**Reference page 3 Ordering matrix**	**Reference page 3 Ordering matrix** A - .125" Wall B - .188" Wall C - .250" Wall	**1** Single arm mount **2** Two fixtures at 180˚ **2L** Two fixtures at 90˚ **3T** Three fixtures at 90˚ **3Y** Three fixtures at 120˚ **4** Four fixtures at 90˚ **TA** Tenon (2.375" OD) **TB** Tenon (2.875" OD) **OT** No drilling (includes pole cap)	**K1** KAR 2 bolt 5 3/16" spacing **K2** SKAR 2 bolt 3 1/2" spacing **K3** Sterner 2 bolt 3" spacing **UDP** Universal Drill Pattern	**BLT** Black Matte Textured **BLS** Black Gloss Smooth **DBT** Dark Bronze Matte Textured **DBS** Dark Bronze Gloss Smooth **GTT** Graphite Matte Textured **LGT** Light Grey Matte Textured **LGS** Light Grey Gloss Smooth **PSS** Platinum Silver Smooth **WHT** White Matte Textured **WHS** White Gloss Smooth **VGT** Verde Green Textured **Color Option** **CC** Custom Color[1]	**GFI**[2] 20 Amp GFCI Receptacle and Cover **EHH**[2] Extra Handhole **C05**[2] .5" Coupling **C07**[2] .75" Coupling **C20**[2] 2" Coupling **VM2**[3] 2nd Mode Vibration Dampener **LAB** Less Anchor Bolts **UL** UL Certified

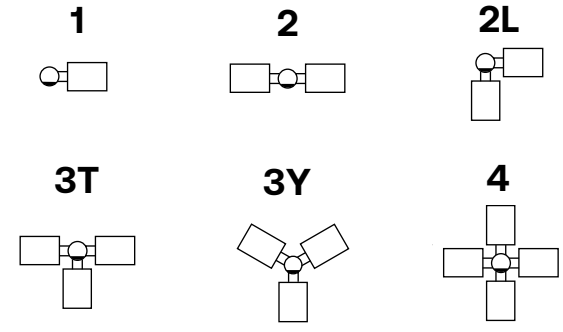
Accessories (Order Separately)

- ☐ **VM2S08** Field-installed 2nd mode vibration dampener - 8 ft
- ☐ **VM2S12** Field-installed 2nd mode vibration dampener - 12 ft
- ☐ **VM2S16** Field-installed 2nd mode vibration dampener - 16 ft
- ☐ **VM2S20** Field-installed 2nd mode vibration dampener - 20 ft
- ☐ **VM2S25** Field-installed 2nd mode vibration dampener - 25 ft

1 Custom colors available; RAL number preferable
2 Specify option location using logic found on page 3 (Option Orientation).
3 There will be a weld witness mark on the side of the pole with the Factory installed VM2

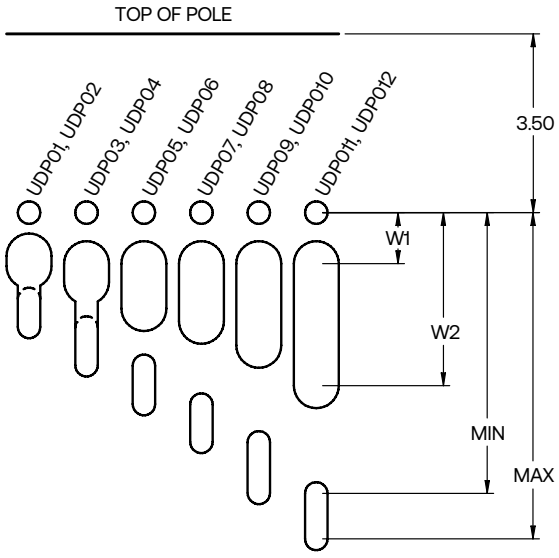
MOUNTING ORIENTATION

Denotes handhole location



DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
⅜" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/16" to ½"	UDP02	UDP04	UDP06	UDP08	UDP010	UDP012
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

RSAK Series Poles

ROUND STRAIGHT ALUMINUM

ORDERING INFORMATION (CONTINUED)

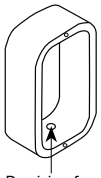
CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE	BOLT SQUARE	BASE PLATE SIZE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT
	FEET	METERS								
RSAK08-40A	8	2.4	4" Round	0.125	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	19
RSAK10-40A	10	3.0	4" Round	0.125	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	22
RSAK12-40A	12	3.7	4" Round	0.125	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	26
RSAK14-40A	14	4.3	4" Round	0.125	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	30
RSAK16-40A	16	4.9	4" Round	0.125	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	33
RSAK12-40B	12	3.7	4" Round	0.188	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	36
RSAK14-40B	14	4.3	4" Round	0.188	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	42
RSAK16-40B	16	4.9	4" Round	0.188	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	47
RSAK18-40B	18	5.5	4" Round	0.188	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	52
RSAK20-40B	20	6.1	4" Round	0.188	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	57
RSAK16-40C	16	4.9	4" Round	0.25	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	60
RSAK18-40C	18	5.5	4" Round	0.25	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	67
RSAK20-40C	20	6.1	4" Round	0.25	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	74
RSAK22-40C	22	6.7	4" Round	0.25	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	81
RSAK24-40C	24	7.3	4" Round	0.25	6.75"	4.77"	9.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	88
RSAK14-50B	14	4.3	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	52
RSAK16-50B	16	4.9	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	59
RSAK18-50B	18	5.5	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	66
RSAK20-50B	20	6.1	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	72
RSAK22-50B	22	6.7	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	79
RSAK24-50B	24	7.3	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	86
RSAK25-50B	25	7.6	5" Round	0.188	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	111
RSAK14-50C	14	4.3	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	67
RSAK16-50C	16	4.9	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	76
RSAK18-50C	18	5.5	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	84
RSAK20-50C	20	6.1	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	93
RSAK22-50C	22	6.7	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	102
RSAK24-50C	24	7.3	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	111
RSAK25-50C	25	7.6	5" Round	0.25	7.75"	5.48"	10.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	116
RSAK14-60A	14	4.3	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	43
RSAK16-60A	16	4.9	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	49
RSAK18-60A	18	5.5	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	54
RSAK20-60A	20	6.1	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	60
RSAK22-60A	22	6.7	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	65
RSAK24-60A	24	7.3	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	71
RSAK25-60A	25	7.6	6" Round	0.125	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	91
RSAK14-60C	14	4.3	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	80
RSAK16-60C	16	4.9	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	90
RSAK18-60C	18	5.5	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	101
RSAK20-60C	20	6.1	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	112
RSAK22-60C	22	6.7	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	122
RSAK24-60C	24	7.3	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	133
RSAK25-60C	25	7.6	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	174
RSAK30-60C	30	9.1	6" Round	0.25	8.75"	6.19"	11.62" Dia x 1.88" Thk	3/4 x 30 x 3	2-3/4"	208

Notes:

- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
- For more information about pole vibration and vibration dampeners, please consult factory.
- Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.

[1] There will be a weld witness mark on the side of the pole with the Factory installed VM2.

EHH
Extra handhole



Provision for Grounding

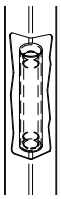
C05 / C07 / C20
Coupling

2" - 11.5 NPSC Threads

3/4" - 14 NPSC Threads

1/2" - 14 NPSC Threads

VM2[1]
2nd mode vibration dampener



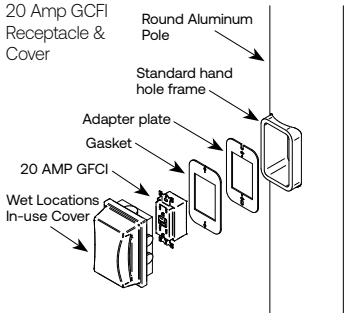
Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

VM2SXX
Field-installed 2nd mode vibration dampener

VM2S08 – 8'
VM2S12 – 12'
VM2S16 – 16'
VM2S20 – 20'
VM2S24 – 24'

Field installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

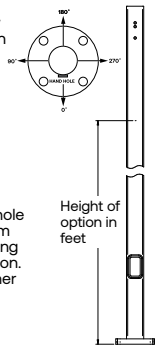
GFI
20 Amp GCFI Receptacle & Cover



Option Orientation

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).

Example: Option C05 should be ordered as: RSAK16-40A-TN3-D0T-C05-0-15 (.5" coupling on the handhole side of pole, 15' up from the pole base) 1' spacing required between option. Consult factory for other configurations.



KIM LIGHTING®

DATE: | LOCATION:

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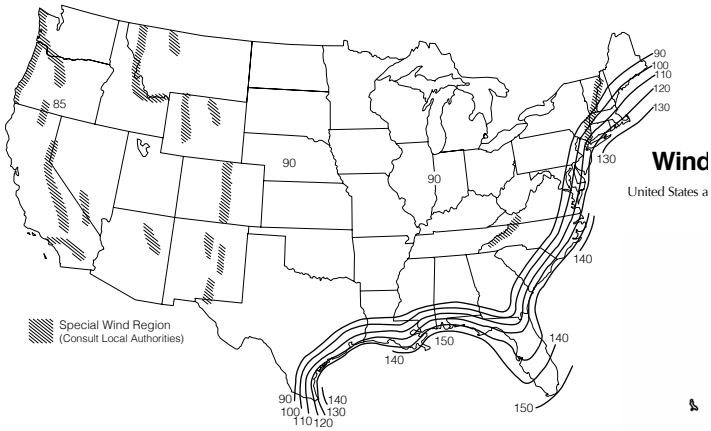
RSAK Series Poles

ROUND STRAIGHT ALUMINUM

WIND MAPS

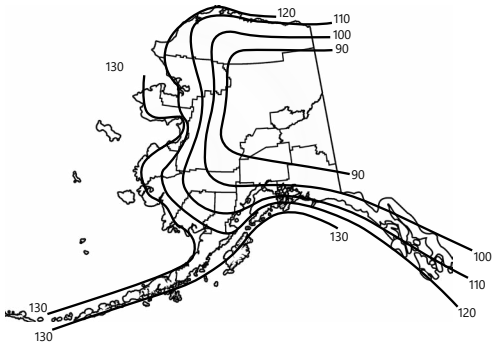
ASCE7-05 WIND MAP



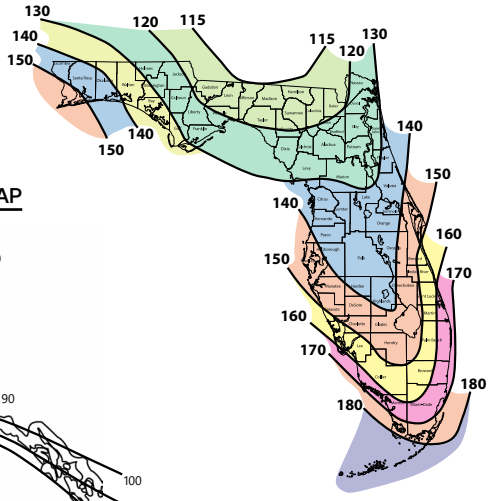
HAWAII – 105 mph
PUERTO RICO – 145 mph

*Printed with permission from ASCE

ALASKA REGION WIND MAP



FLORIDA REGION WIND MAP



Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ASCE 7-05 wind map EPA Load Rating - 3 second gust wind speeds (Use for all locations except Florida)

Catalog Number	85	90	100	105	110	120	130	140	145	150
RSAK08-40A	12.2	10.8	8.6	7.7	6.9	5.6	4.8	4.1	3.8	3.5
RSAK10-40A	9.0	7.9	6.2	5.5	4.8	3.9	3.2	2.7	2.5	2.3
RSAK12-40A	6.8	5.9	4.5	3.9	3.4	2.6	2.1	1.7	1.6	1.4
RSAK14-40A	5.1	4.4	3.1	2.6	2.2	1.6	1.2	0.9	0.8	0.7
RSAK16-40A	3.8	3.2	2.1	1.6	1.3	0.7	0.5	NR	NR	NR
RSAK12-40B	10.7	9.4	7.3	6.5	5.7	4.6	3.8	3.2	3.0	2.7
RSAK14-40B	8.4	7.3	5.6	4.9	4.2	3.3	2.7	2.2	2.0	1.9
RSAK16-40B	6.6	5.7	4.2	3.6	3.0	2.2	1.8	1.4	1.3	1.1
RSAK18-40B	5.1	4.3	3.0	2.4	2.0	1.3	1.0	0.7	0.6	0.5
RSAK20-40B	3.8	3.1	2.0	1.5	1.1	0.5	NR	NR	NR	NR
RSAK16-40C	9.1	7.9	6.0	5.3	4.6	3.5	2.9	2.4	2.2	2.0
RSAK18-40C	7.3	6.3	4.6	3.9	3.3	2.4	1.9	1.6	1.4	1.2
RSAK20-40C	5.7	4.8	3.4	2.8	2.3	1.5	1.1	0.8	0.7	0.6
RSAK22-40C	4.4	3.6	2.3	1.8	1.3	0.7	NR	NR	NR	NR
RSAK24-40C	3.3	2.6	1.4	1.0	0.5	NR	NR	NR	NR	NR
RSAK14-50B	14.6	12.8	10.2	9.2	8.4	7.0	5.8	5.0	4.6	4.3
RSAK16-50B	11.9	10.3	8.1	7.3	6.6	5.4	4.5	3.8	3.5	3.3
RSAK18-50B	9.5	8.2	6.3	5.7	5.1	4.2	3.4	2.8	2.6	2.4
RSAK20-50B	7.5	6.4	4.8	4.3	3.8	3.0	2.4	2.0	1.8	1.6
RSAK22-50B	5.9	4.8	3.5	3.1	2.7	2.1	1.6	1.3	1.1	1.0
RSAK24-50B	4.4	3.5	2.4	2.0	1.7	1.3	0.9	0.6	0.5	NR
RSAK25-50B	3.8	2.9	1.9	1.6	1.3	0.9	0.6	NR	NR	NR
RSAK14-50C	19.6	17.3	13.9	12.6	11.4	9.5	8.1	6.9	6.4	5.9
RSAK16-50C	16.2	14.2	11.3	10.2	9.3	7.7	6.5	5.5	5.1	4.7
RSAK18-50C	13.2	11.5	9.1	8.2	7.4	6.1	5.1	4.3	4.0	3.7
RSAK20-50C	10.8	9.3	7.2	6.5	5.8	4.8	3.9	3.3	3.0	2.7
RSAK22-50C	8.7	7.4	5.6	5.0	4.5	3.6	2.9	2.4	2.2	2.0
RSAK24-50C	7.0	5.8	4.3	3.8	3.3	2.6	2.1	1.6	1.5	1.3
RSAK25-50C	6.0	4.7	3.2	2.8	2.4	1.8	1.3	1.0	0.8	0.6
RSAK14-60A	14.7	13.1	10.5	9.5	8.6	7.2	6.0	5.1	4.8	4.4
RSAK16-60A	11.9	10.6	8.5	7.6	6.9	5.7	4.7	4.0	3.7	3.4
RSAK18-60A	9.5	8.4	6.7	6.0	5.4	4.4	3.6	3.0	2.8	2.5
RSAK20-60A	7.5	6.5	5.1	4.6	4.1	3.3	2.7	2.2	2.0	1.8
RSAK22-60A	5.7	5.0	3.8	3.4	3.0	2.3	1.8	1.5	1.3	1.2
RSAK24-60A	4.3	3.7	2.7	2.3	2.0	1.5	1.1	0.8	0.7	0.6
RSAK25-60A	3.6	3.1	2.2	1.9	1.6	1.1	0.8	0.5	NR	NR
RSAK14-60C	25.0	25.0	22.2	19.0	17.2	14.3	12.1	10.3	9.6	8.9
RSAK16-60C	25.0	22.9	18.6	16.8	14.4	12.0	10.1	8.6	7.9	7.4
RSAK18-60C	21.4	19.1	15.5	14.0	12.0	9.9	8.3	7.0	6.5	6.0
RSAK20-60C	17.9	15.9	12.8	11.6	10.5	8.1	6.8	5.7	5.2	4.8
RSAK22-60C	15.0	13.3	10.7	9.6	8.7	6.6	5.5	4.6	4.2	3.9
RSAK24-60C	12.5	11.1	8.8	7.9	7.1	5.4	4.4	3.6	3.3	3.0
RSAK25-60C	11.4	10.1	8.0	7.2	6.5	4.8	3.9	3.2	2.9	2.6

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds (Use for Florida only)

Catalog Number	115	120	130	140	150	160	170	180
RSAK08-40A	8.9	8.1	6.8	5.6	4.7	4.0	4.0	3.5
RSAK10-40A	6.4	5.8	4.7	3.8	3.1	2.5	2.8	2.4
RSAK12-40A	4.6	4.1	3.2	2.4	1.8	1.3	1.9	1.5
RSAK14-40A	3.2	2.8	2.0	1.4	0.9	NR	NR	NR
RSAK16-40A	2.1	1.7	1.0	0.5	NR	NR	NR	NR
RSAK12-40B	7.6	6.9	5.6	4.5	3.7	2.9	3.3	2.8
RSAK14-40B	5.8	5.1	4.0	3.1	2.4	1.8	2.4	2.0
RSAK16-40B	4.3	3.7	2.7	2.0	1.3	0.8	0.5	NR
RSAK18-40B	3.0	2.5	1.7	1.0	NR	NR	NR	NR
RSAK20-40B	1.9	1.5	0.7	NR	NR	NR	NR	NR
RSAK16-40C	6.2	5.5	4.3	3.3	2.5	1.9	1.7	1.5
RSAK18-40C	4.6	4.0	3.0	2.1	1.5	0.9	0.7	0.5
RSAK20-40C	3.3	2.8	1.9	1.2	0.6	NR	NR	NR
RSAK22-40C	2.3	1.8	1.0	NR	NR	NR	NR	NR
RSAK24-40C	1.3	0.9	NR	NR	NR	NR	NR	NR
RSAK14-50B	10.4	9.3	7.5	7.5	6.3	5.3	4.5	3.8
RSAK16-50B	8.0	7.1	5.6	5.9	4.9	4.0	3.3	2.7
RSAK18-50B	6.1	5.3	3.9	3.6	3.3	3.0	2.3	1.8
RSAK20-50B	4.4	3.7	2.9	2.8	2.7	2.1	1.5	1.1
RSAK22-50B	3.0	2.4	2.1	2.0	1.9	1.3	0.8	NR
RSAK24-50B	1.8	1.3	1.2	1.1	NR	NR	NR	NR
RSAK25-50B	1.3	0.7	1.0	0.5	NR	NR	NR	NR
RSAK14-50C	14.2	12.9	10.6	10.1	8.6	7.4	6.3	5.4
RSAK16-50C	11.3	10.2	8.2	7.5	6.9	5.8	4.9	4.2
RSAK18-50C	8.9	7.9	6.2	5.8	5.4	4.5	3.7	3.1
RSAK20-50C	6.9	6.0	4.9	4.5	4.2	3.4	2.7	2.1
RSAK22-50C	5.2	4.4	3.9	3.6	3.2	2.5	1.9	1.3
RSAK24-50C	3.7	3.0	2.8	2.5	2.3	1.7	1.1	0.7
RSAK25-50C	2.9	2.2	2.0	1.8	1.7	1.1	0.6	NR
RSAK14-60A	11.5	10.5	8.6	7.2	6.0	5.0	4.2	3.5
RSAK16-60A	9.3	8.4	6.8	5.5	4.5	3.7	2.9	2.3
RSAK18-60A	7.4	6.6	5.3	4.2	3.3	2.5	1.9	1.4
RSAK20-60A	5.9	5.2	4.0	3.0	2.2	1.6	1.0	0.6
RSAK22-60A	4.6	4.0	2.9	2.0	1.3	0.8	NR	NR
RSAK24-60A	3.5	2.9	2.0	1.2	0.6	NR	NR	NR
RSAK25-60A	3.0	2.4	1.5	0.8	0.2	NR	NR	NR
RSAK14-60C	23.7	21.7	18.3	15.6	13.3	11.5	9.9	8.6
RSAK16-60C	19.8	18.1	15.1	12.8	10.9	9.3	7.9	6.8
RSAK18-60C	16.5	15.0	12.4	10.4	8.7	7.4	6.2	5.2
RSAK20-60C	13.8	12.5	10.3	8.5	7.0	5.8	4.8	4.0
RSAK22-60C	11.6	10.5	8.5	6.9	5.6	4.5	3.6	2.9
RSAK24-60C	9.8	8.7	7.0	5.5	4.4	3.4	2.6	1.9
RSAK25-60C	9.0	8.0	6.3	4.9	3.8	2.9	2.1	1.5
RSAK30-60C	5.6	4.8	3.5	2.4	1.5	0.8	NR	NR

RSAK Series Poles

ROUND STRAIGHT ALUMINUM

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

NOTES

Wind-speed Website disclaimer:
Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. http://windspeed.atcouncil.org

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings