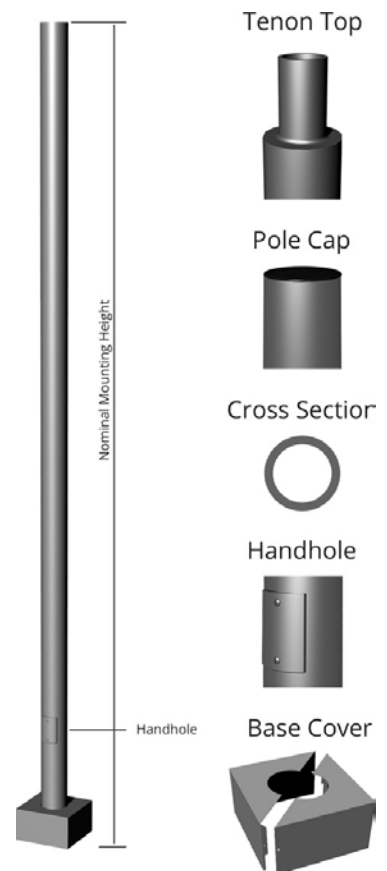




Round Straight Aluminum Light Poles, Anchor Base

Product Overview

- **Pole Shaft** - The pole shaft is extruded from seamless 6063-T6 aluminum.
- **Pole Top** - A removable top cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. Other pole top options include Tenon Top, Top Cap Only or Open Top which is typical when the pole top diameter matches the necessary slip-fit dimensions.
- **Hand Hole** - 2" x 4" oval hand hole and grounding provision are provided (dimensions are nominal). Cover and cover attachment hardware also included.
- **Anchor Base & Cover** - The anchor base is cast from 356 alloy aluminum and supplied with an aluminum two-piece base cover. The completed pole assembly is heat-treated to a T6 temper. Optional decorative base covers available as special order.
- **Anchor Bolts** - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.
- **Hardware** - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.
- **Finish** - Finishes include anodized or painted. Please consult factory for special finishing colors and fixture matching options. When storing light poles outside, remove all protective wrapping immediately upon delivery to prevent finish damage.
- **Design Criteria** - Standard EPA (Effective Projected Area) and weight values are based on AASHTO Criteria (with 3 second gust factor) for side and top mounted fixtures only. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.



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EPA Load Information

BASE MODEL	80 MPH w/3sec Gust		90 MPH w/3sec Gust		100 MPH w/3sec Gust		110 MPH w/3sec Gust		120 MPH w/3sec Gust	
	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)
NP-RSAA-08-4040-C	12.7	100	9.7	100	7.5	100	6.6	100	5.3	100
NP-RSAA-10-4040-C	9.3	100	7.1	100	5.3	100	4.6	100	3.6	100
NP-RSAA-12-4040-C	7.2	100	5.2	100	3.8	100	3.2	100	2.3	100
NP-RSAA-14-4040-C	5.5	100	3.8	100	2.6	100	2	100	1.3	100
NP-RSAA-15-4040-C	4.8	100	3.2	100	2	100	1.6	100	0.9	100
NP-RSAA-15-4040-D	8.4	100	6.1	100	4.4	100	3.7	100	2.6	100
NP-RSAA-15-5050-D	14.9	125	11	125	8.3	125	7.1	125	5.4	125
NP-RSAA-16-4040-C	4.1	100	2.6	100	1.6	100	1.1	100	0.4	100
NP-RSAA-16-4040-D	7.5	100	5.3	100	3.8	100	3.1	100	2.1	100
NP-RSAA-16-5050-D	13.5	125	9.9	125	7.3	125	6.2	125	4.6	125
NP-RSAA-18-4040-D	5.8	100	3.9	100	2.5	100	1.9	100	1.1	100
NP-RSAA-18-4040-E	8.5	100	6	100	4.3	100	3.5	100	2.4	100
NP-RSAA-18-5050-D	10.9	125	7.7	125	5.4	125	4.5	125	3.1	125
NP-RSAA-20-4040-D	4.4	100	2.7	100	1.5	100	0.9	100	N/A	N/A
NP-RSAA-20-4040-E	6.7	100	4.5	100	3	100	2.3	100	1.3	100
NP-RSAA-20-5050-D	8.6	125	5.8	125	3.8	125	3	125	1.8	125
NP-RSAA-20-5050-E	12.6	125	9	125	6.4	125	5.3	125	3.7	125
NP-RSAA-20-6060-D	14.1	150	10	150	7	150	5.8	150	3.9	150
NP-RSAA-20-6060-E	20.1	150	14.7	150	10.9	150	9.2	150	6.9	150
NP-RSAA-22-5050-E	10.3	125	7	125	4.7	125	3.7	125	2.3	125
NP-RSAA-22-6060-D	11.4	150	7.7	150	5.1	150	4	150	2.4	150
NP-RSAA-22-6060-E	16.8	150	12	150	8.5	150	7.1	150	5	150
NP-RSAA-24-5050-E +	8.3	125	5.4	125	3.3	125	2.4	125	1.1	125
NP-RSAA-24-6060-D	9.1	150	5.8	150	3.4	150	2.4	150	1	150
NP-RSAA-24-6060-E	13.9	150	9.6	150	6.5	150	5.2	150	3.3	150
NP-RSAA-25-5050-E +	7.4	125	4.6	125	2.6	125	1.8	125	0.6	125
NP-RSAA-25-6060-D	8.1	150	4.9	150	2.7	150	1.7	150	N/A	N/A
NP-RSAA-25-6060-E	12.7	150	8.6	150	5.6	150	4.3	150	2.5	150
NP-RSAA-26-6060-D +	7.1	150	4.1	150	2	150	1	150	N/A	N/A
NP-RSAA-26-6060-E +	11.5	150	7.6	150	4.8	150	3.6	150	1.8	150
NP-RSAA-28-6060-D +	5.3	150	2.6	150	0.6	150	N/A	N/A	N/A	N/A
NP-RSAA-28-6060-E +	9.3	150	5.8	150	3.2	150	2.1	150	0.5	150
NP-RSAA-30-6060-D +	4.1	150	1.5	150	N/A	N/A	N/A	N/A	N/A	N/A
NP-RSAA-30-6060-E +	7.9	150	4.5	150	2.1	150	1.1	150	N/A	N/A

1. The total combined EPA and weight of all fixtures, brackets and attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole.
2. Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 3 second gust factor) for side and top mounted fixtures only.
3. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.

Note: Additional sizes and configurations are available upon request.

+ Indicates a vibration dampener is standard



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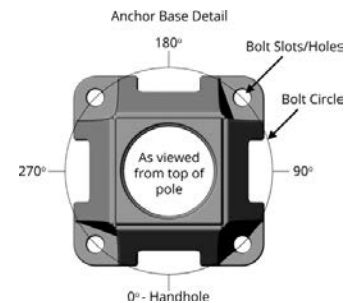
Designation & Dimensional Information

BASE MODEL	POLE DIMENSIONS					BASE PLATE		ANCHOR BOLTS	
	NOMINAL MOUNTING HEIGHT	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT (LBS)	BOLT CIRCLE DIA (IN)	SQ (IN) x THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)
NP-RSAA-08-4040-C	8'-0"	4	4	0.125	36	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-10-4040-C	10'-0"	4	4	0.125	39	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-12-4040-C	12'-0"	4	4	0.125	43	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-14-4040-C	14'-0"	4	4	0.125	47	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-15-4040-C	15'-0"	4	4	0.125	49	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-15-4040-D	15'-0"	4	4	0.188	63	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-15-5050-D	15'-0"	5	5	0.188	72	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-16-4040-C	16'-0"	4	4	0.125	50	9.25	8.625 x 8.625 x 0.75	0.625 x 16.00 x 2.00	2.75
NP-RSAA-16-4040-D	16'-0"	4	4	0.188	65	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-16-5050-D	16'-0"	5	5	0.188	75	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-18-4040-D	18'-0"	4	4	0.188	71	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-18-4040-E	18'-0"	4	4	0.250	87	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-18-5050-D	18'-0"	5	5	0.188	82	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-20-4040-D	20'-0"	4	4	0.188	76	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-20-4040-E	20'-0"	4	4	0.250	94	9.25	8.625 x 8.625 x 0.75	0.75 x 17.00 x 2.00	2.75
NP-RSAA-20-5050-D	20'-0"	5	5	0.188	89	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-20-5050-E	20'-0"	5	5	0.250	111	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-20-6060-D	20'-0"	6	6	0.188	104	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-20-6060-E	20'-0"	6	6	0.250	131	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-22-5050-E	22'-0"	5	5	0.250	120	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-22-6060-D	22'-0"	6	6	0.188	112	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-22-6060-E	22'-0"	6	6	0.250	142	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-24-5050-E +	24'-0"	5	5	0.250	129	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-24-6060-D	24'-0"	6	6	0.188	120	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-24-6060-E	24'-0"	6	6	0.250	153	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-25-5050-E +	25'-0"	5	5	0.250	133	8.375 - 10.375	10.25 x 10.25 x 0.875	0.75 x 17.00 x 2.00	3.5
NP-RSAA-25-6060-D	25'-0"	6	6	0.188	124	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-25-6060-E	25'-0"	6	6	0.250	158	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-26-6060-D +	26'-0"	6	6	0.188	129	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-26-6060-E +	26'-0"	6	6	0.250	163	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-28-6060-D +	28'-0"	6	6	0.188	137	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-28-6060-E +	28'-0"	6	6	0.250	174	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-30-6060-D +	30'-0"	6	6	0.188	143	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5
NP-RSAA-30-6060-E +	30'-0"	6	6	0.250	182	9.625 - 11.375	11 x 11 x 1	1.00 x 36.00 x 4.00	3.5

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Ordering Information

Ex. NP-RSAA-10-4040-C-AB-SB-FP-DB-D1

Designation	Length*	Base OD*	Top OD*	Thickness*	Anchor Bolts	Base Type	Finish Type	Color	Fixture Mounting
NP-RSAA = Round = Straight Alum.	8 to 30	40 = 4" 50 = 5" 60 = 6"	40 = 4" 50 = 5" 60 = 6"	C = 0.125" D = 0.188" E = 0.250"	AB = Incl. LAB = Not Incl.	SB = Std. Base CB = Custom Base	AN = Anod. FP = Finish Painted	DB = Dark Bronze MB = Medium Bronze LG = Light Gray DG = Dark Green HG = Hunter Green SG = Slate Gray SM = Silver Metallic BK = Black WH = White SL = Silver SC = Custom NA = Natural Alum. Paint SA = Satin Silver Anod. BA = Bronze Anod. BJA = Black Anod.	Drill Mounting (includes cap) D1 = Single D2 = 2@180 deg. D3 = 3@120 deg. D4 = 4@90 deg. D5 = 2@90 deg. D6 = 3@90 deg. Tenon Mounting P1 = 4" OD x 5" Long Tenon P2 = 2.38" OD x 4" Long Tenon P3 = 3.50" OD x 6" Long Tenon P4 = 4" OD x 6" Long Tenon P5 = 2.88" OD x 4" Long Tenon P6 = 2.88" OD x 5" Long Tenon P7 = 2.38" OD x 5" Long Tenon PQ = 2.38" OD x 12" Long Tenon PD = 3" OD x 3" Long Tenon P9 = Custom Size Tenon Other Options PC = Cap Only, No Side Drilling PL = Open Top, No Cap or Side Drilling

* See previous pages for base model configurations.

Consult factory or your sales rep for deviations from base models. Additional sizes and configurations available upon request.

Options & Accessories

Description
SPL = Special Cut Length (Please Specify)
VDA = Internal Vibration Dampener, Factory Installed
VDF = Internal Vibration Dampener, Field Installable
PXDX = Side Drill + Tenon w/ Additional Hand Hole (Specify Tenon OD & Length)
BCSPCL = Special Base Plate to Match Existing Bolt Circle (May Add 2 Weeks to Production Lead Time, May Require Special Base Cover)

Description
HHU = Additional Unreinforced Hand Hole Opening w/ Cover Assembly
HHR = Additional Reinforced Hand Hole Opening w/ Cover Assembly
FSTR = Festoon Provision, Electrical by Others (Specify Pole Height & Orientation)
CPL = NPT Pipe Coupling (Specify Pole Height, Orientation & NPT Size)

Description
STAMP = Engineering Services, Signed & Sealed Calcs
STAMPCA = Engineering Services, CA Signed & Sealed Calcs
PRE063 = Pre-Ship Anchor Bolts - 0.625" x 16" x 2"
PRE075 = Pre-Ship Anchor Bolts - 0.75" x 17" x 2"
PRE100 = Pre-Ship Anchor Bolts - 1.0" x 36" x 4"

Note: Please consult factory or your sales representative to verify options and accessories will work with your light pole part number.



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