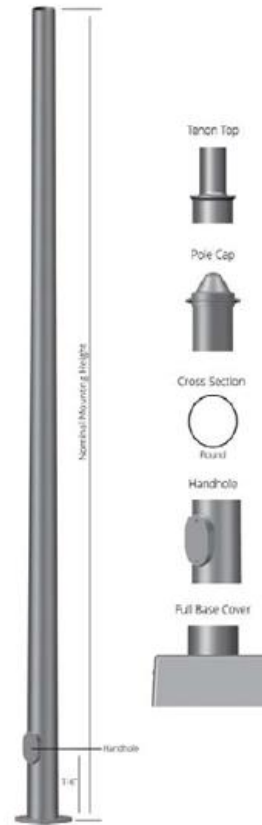


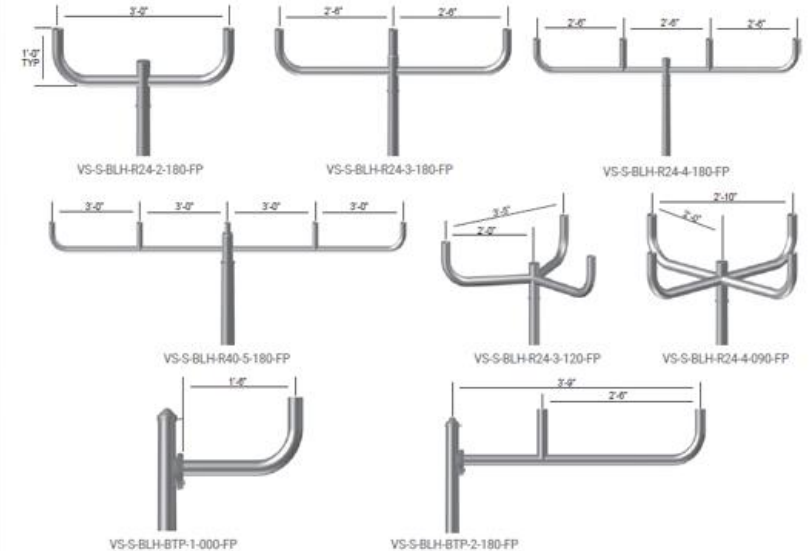
LIGHT POLE SPECIFICATIONS

- Pole Shaft** - The pole shaft is a one-piece assembly conforming to ASTM A595 Grade A or A572 Grade 55 with a constant linear taper of 0.14 in/ft. Poles greater than 50' are provided as a two-piece field assembled unit.
- 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** - A reinforced hand hole with grounding provision is provided at 1'-6" from the base end of the pole assembly. Each hand hole includes a cover and cover attachment hardware. Poles with a 5.90" base diameter are supplied with a 3" X 5" rectangular hand hole. All other pole assemblies are provided with a 4" X 6.5" oval hand hole (dimensions are nominal).
- Base Cover** - A two-piece full base cover fabricated from ABS plastic is provided with each pole assembly. Additional base cover options, including a cast aluminum and fabricated steel cover, are available upon request. A two-piece steel full base cover is required for some applications depending on the finish requirement and/or pole base square. Factory reserves the right to provide a two-piece steel full base cover on some applications depending upon the finish requirement and/or pole base diameter.
- 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.
- Nut Covers** - Nut covers can be substituted on most models.
- 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** - Standard finishes are either Galvanized or Finish Painted. Additional finish options including Finish Paint over Galvanizing are available upon request.
- Design Criteria** - Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 1.3 gust factor) for top mounted fixtures only. Consult the factory on loading criteria for side mounted luminaires and/or brackets. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.



Product Overview

- Center Hub (Excluding VS-S-BLH-R40-5-180-FP)** - The center hub is 2.88" OD x 0.203" wall with a minimum yield strength of 36,000 psi. The standard hub fits a 2.38" OD x 4" pole/tenon top. Other sizes available by contacting the factory.
- Center Hub (VS-S-BLH-R40-5-180-FP)** - The center hub is 4.50" OD x 0.189" wall with a minimum yield strength of 36,000 psi. The standard hub fits a 4" OD x 4" pole/tenon top. Other sizes available by contacting the factory.
- Arms** - Arms are 2.38" OD x 0.154" wall with a minimum yield strength of 36,000 psi. The maximum straight luminaire slipfit length is 4.63" for all arm brackets. For other tenon applications, please consult factory.
- Main Arm Only for VS-S-BLH-R24-5-180-FP** - is 2.38" OD x 0.218" wall with a minimum yield strength of 36,000 psi.
- Arm Attachment (VS-S-BLH-BTP-1-000-FP & VS-S-BLH-BTP-2-180-FP Only)** - Connection allows arm to be erected and held in place by gravity and secured by a single bolt.
- 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** - Standard finishes are either Galvanized or Finish Painted. Additional finish options including Finish Paint over Galvanizing are available upon request.
- Design Criteria** - Please reference Design Criteria Specification for appropriate design conditions.



LIGHT POLE SPECIFICATIONS

BASE MODEL	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE MODEL	NOMINAL MOUNTING HEIGHT	POLE DIMENSIONS			STRUCTURE WEIGHT (LBS)	BASE PLATE		ANCHOR BOLTS	
	MAX EPA (SQFT)	MAX WEIGHT (LBS)	MAX EPA (SQFT)	MAX WEIGHT (LBS)	MAX EPA (SQFT)	MAX WEIGHT (LBS)			TOP OD (IN)	BASE OD (IN)	WALL THK (GA)		BOLTCIRCLE DIA (IN)	SQ (IN) x THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)
VS-RTSA-20-5931-11-AB-FP	19.3	482	15.1	377	12.2	305	VS-RTSA-20-5931-11-AB-FP	20'-0"	3.1	5.9	11	140	8.5 - 9.5	10 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-20-6537-11-AB-FP	24.2	605	19.3	482	15.6	390	VS-RTSA-20-6537-11-AB-FP	20'-0"	3.7	6.5	11	160	9.0 - 10.0	10.5 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-25-5924-11-AB-FP	12.5	312	9.9	247	8	200	VS-RTSA-25-5924-11-AB-FP	25'-0"	2.4	5.9	11	155	8.5 - 9.5	10 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-25-7035-11-AB-FP	20.3	507	16.2	405	13.1	327	VS-RTSA-25-7035-11-AB-FP	25'-0"	3.5	7	11	200	9.5 - 10.5	10.88 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-25-7035-07-AB-FP	30.5	760	24	625	19.8	495	VS-RTSA-25-7035-07-AB-FP	25'-0"	3.5	7	7	280	9.5 - 10.5	10.88 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-30-6624-11-AB-FP	11.7	292	9.3	232	7.5	187	VS-RTSA-30-6624-11-AB-FP	30'-0"	2.4	6.6	11	200	9.0 - 10.0	10.5 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-30-8038-11-AB-FP	18.9	473	14.9	373	12	300	VS-RTSA-30-8038-11-AB-FP	30'-0"	3.8	8	11	265	10.5 - 11.5	11.5 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-30-8038-07-AB-FP	33.5	838	27	675	22	550	VS-RTSA-30-8038-07-AB-FP	30'-0"	3.8	8	7	380	10.5 - 11.5	11.5 x 1.25	1.25 x 42.00 x 6.00	4.75 - 5.25
VS-RTSA-35-7324-11-AB-FP	11.2	280	8.9	222	7.1	177	VS-RTSA-35-7324-11-AB-FP	35'-0"	2.4	7.3	11	250	10.0 - 11.0	11.25 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-35-8536-11-AB-FP	18.9	472	15.1	377	12.2	305	VS-RTSA-35-8536-11-AB-FP	35'-0"	3.6	8.5	11	315	11.0 - 12.0	12 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-35-9546-11-AB-FP	23.2	580	18.2	455	14.5	363	VS-RTSA-35-9546-11-AB-FP	35'-0"	4.6	9.5	11	370	12.5 - 13.5	13 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-39-7824-11-AB-FP	10.7	267	8.5	212	6.6	165	VS-RTSA-39-7824-11-AB-FP	39'-0"	2.4	7.82	11	285	10.5 - 11.5	11.5 x 0.875	1.00 x 36.00 x 4.00	3.88 - 4.38
VS-RTSA-39-9036-11-AB-FP	17.2	430	13.5	338	10.8	270	VS-RTSA-39-9036-11-AB-FP	39'-0"	3.58	9	11	355	12.0 - 13.0	12.38 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-39-9036-07-AB-FP	28.5	715	23	575	19	475	VS-RTSA-39-9036-07-AB-FP	39'-0"	3.58	9	7	515	12.0 - 13.0	12.38 x 1.25	1.25 x 42.00 x 6.00	4.75 - 5.25
VS-RTSA-45-1037-11-AB-FP	17.4	435	13.5	338	10.6	265	VS-RTSA-45-1037-11-AB-FP	45'-0"	3.7	10	11	450	13 - 14	14 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-45-1037-07-AB-FP	28.5	715	23	575	19	475	VS-RTSA-45-1037-07-AB-FP	45'-0"	3.7	10	7	650	13 - 14	14 x 1.25	1.25 x 42.00 x 6.00	4.75 - 5.25
VS-RTSA-45-1147-07-AB-FP	35.7	893	28	700	22.3	558	VS-RTSA-45-1147-07-AB-FP	45'-0"	4.7	11	7	780	14.5 - 15.5	16.5 x 1.5	1.25 x 42.00 x 6.00	5 - 5.5
VS-RTSA-50-1030-11-AB-FP	13.2	330	10.6	265	8.3	208	VS-RTSA-50-1030-11-AB-FP	50'-0"	3	10	11	475	13 - 14	14 x 1	1.00 x 36.00 x 4.00	4 - 4.5
VS-RTSA-50-1030-07-AB-FP	20.5	512	16.5	412	13.6	340	VS-RTSA-50-1030-07-AB-FP	50'-0"	3	10	7	680	13 - 14	14 x 1.25	1.25 x 42.00 x 6.00	4.75 - 5.25
VS-RTSA-50-1140-07-AB-FP	29.9	748	23.5	588	18.6	465	VS-RTSA-50-1140-07-AB-FP	50'-0"	4	11	7	812	14.5 - 15.5	16.5 x 1.5	1.25 x 42.00 x 6.00	5 - 5.5
VS-RTSA-50-1360-03-AB-FP	69.2	1730	55	1375	44.2	1105	VS-RTSA-50-1360-03-AB-FP	50'-0"	6	13	3	1335	17.5	18.5 x 1.75	1.75 x 84.00 x 6.00	6.25 - 6.75
VS-RTSA-50-1360-07-AB-FP	50.4	1260	39.7	992	31.4	785	VS-RTSA-50-1360-07-AB-FP	50'-0"	6	13	7	1020	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-55-1136-0711-AB-FP	21.6	540	17.7	442	14.7	367	VS-RTSA-55-1136-0711-AB-FP	55'-0"	3.58	11	7 & 11	890	14.5 - 15.5	16.5 x 1.5	1.25 x 42.00 x 6.00	5 - 5.5
VS-RTSA-55-1246-0711-AB-FP	32.2	805	25.9	647	21.1	527	VS-RTSA-55-1246-0711-AB-FP	55'-0"	4.55	12	7 & 11	975	16	17 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-55-1352-0507-AB-FP	43.8	1095	35	875	28.6	715	VS-RTSA-55-1352-0507-AB-FP	55'-0"	5.16	12.5	5 & 7	1225	16.5	17.5 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-60-1240-0707-AB-FP	25.9	647	20.7	517	16.8	420	VS-RTSA-60-1240-0707-AB-FP	60'-0"	4.01	12	7 & 7	1060	16	17 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-60-1345-0507-AB-FP	34	850	27.6	690	22.6	565	VS-RTSA-60-1345-0507-AB-FP	60'-0"	4.46	12.5	5 & 7	1275	16.5	17.5 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-60-1348-0711-AB-FP	30.1	752	24.5	612	20.2	505	VS-RTSA-60-1348-0711-AB-FP	60'-0"	4.83	13	7 & 11	1075	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-65-1343-0507-AB-FP	30.8	770	24.8	620	20.4	510	VS-RTSA-65-1343-0507-AB-FP	65'-0"	4.25	13	5 & 7	1400	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-65-1343-0707-AB-FP	27.3	682	22	550	17.9	447	VS-RTSA-65-1343-0707-AB-FP	65'-0"	4.25	13	7 & 7	1200	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-70-1336-0507-AB-FP	23.6	590	19.2	480	15.8	395	VS-RTSA-70-1336-0507-AB-FP	70'-0"	3.55	13	5 & 7	1440	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6
VS-RTSA-70-1336-0707-AB-FP	20.6	515	16.7	417	13.7	342	VS-RTSA-70-1336-0707-AB-FP	70'-0"	3.55	13	7 & 7	1270	17	18 x 1.5	1.50 x 54.00 x 6.00	5.5 - 6