

PROJECT _____ TYPE _____

SPECIFIER _____ MEMO _____

ORDERING CODE BREAKDOWN

ROUND STRAIGHT STEEL POLES

MAIN FEATURES

- Single piece construction, fabricated from carbon steel structural tubing with uniform wall thickness.
- Conform to ASTM A500 Grade C with a minimum yield strength of 50,000 psi.
- Anchor base fabricated from hot rolled carbon steel plate that meets/exceeds minimum yield strength of 36,000 psi.
- Handhole is standard on all poles.
- Anchor bolts fabricated from hot rolled carbon steel bar that meets/exceeds a minimum yield strength of 55,000 psi. Anchor bolts are provided with all poles unless otherwise specified.
- The Standard Finish is a polyester thermosetting powder coating with a minimum of 3 mils. Hot dip Galvanized finish to a ASTM A123 specification also available. Consult factory for alternate finishes.

POLE	HEIGHT	DIAMETER	GAUGE	FINISH	MOUNTING	OPTIONS
RSSP	16 : 16 ft. tall	4 : 4" diameter	11 : 11 gauge	SBZ : Bronze	DM10 : 1 side drilled for single head	AVD : Anti-Vibration Device GFR : Ground Fault Receptacle
	20 : 20 ft. tall			SBK : Black	DM245 : 2 sides drilled at 45°	
	25 : 25 ft. tall			SWH : White	DM260 : 2 sides drilled at 60°	
	20 : 20 ft. tall	4 : 4" diameter	7 : 7 gauge	SGY : Grey	DM290 : 2 sides drilled at 90°	
	24 : 24 ft. tall			SGN : Green	DM2120 : 2 sides drilled at 120°	
	20 : 20 ft. tall	5 : 5" diameter	11 : 11 gauge		DM2180 : 2 sides drilled at 180°	
	25 : 25 ft. tall				DM345 : 3 sides drilled at 45°	
	30 : 30 ft. tall				DM360 : 3 sides drilled at 60°	
	25 : 25 ft. tall	5 : 5" diameter	7 : 7 gauge		DM390 : 3 sides drilled at 90°	
	30 : 30 ft. tall				DM3120 : 3 sides drilled at 120°	
					DM460 : 4 sides drilled at 60°	
					DM490 : 4 sides drilled at 90°	
					T238 : 2 3/8" OD Tenon	
					ND : No Drilling	

- Notes:
- Anchor bolts and base covers are included, but are also available to order additional quantities separately. Consult factory.
 - Standard shipping is shared load which takes up to 2 weeks. Consult Factory for direct shipment options
 - Any pole + head combo meets BAA/BABA requirements. Consult factory to order.
 - Fixture(s) must be mounted prior to pole installation. Failure to do so will void warranty due to possible damaging harmonic vibrations.
 - Most common configurations listed. Consult Factory for additional options.



EPA DATA

WIDTH	GAUGE	SOLAIS CODE	HEIGHT	80 MPH	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH
4"	11	RSSP16-4-11	16'	13.2	7.7	5.6	4.1	2.9	2.0	1.3
		RSSP20-4-11	20'	8.8	6.0	4.3	3.0	2.0	1.6	0.9
		RSSP25-4-11	25'	4.7	2.6	1.4	0.4	1.6	1.2	0.7
	7	RSSP24-4-7	24'	12.6	8.0	5.7	4.0	2.8	1.8	1.0
		RSSP20-4-7	20'	n/a	12.4	9.4	7.2	5.6	4.3	3.2
5"	11	RSSP20-5-11	20'	8.7	6.6	5.3	4.2	3.4	2.8	2.4
		RSSP25-5-11	25'	4.5	3.1	2.3	1.6	1.2	0.9	0.5
		RSSP30-5-11	30'	1.1	0.2	2.7	1.2	0.1	n/a	n/a
	7	RSSP25-5-7	25'	19.3	14.2	10.6	7.9	5.8	4.2	3.0
		RSSP30-5-7	30'	n/a	9.5	6.6	4.4	2.8	1.5	0.5

▪ EPA vary; Consult Factory for additional options.

DRILL PATTERN OPTIONS

DM10 : 1 side drilled for single head



DM290 : 2 sides drilled at 90°



DM345 : 3 sides drilled at 45°



DM3120 : 3 sides drilled at 120°



DM245 : 2 sides drilled at 45°



DM2120 : 2 sides drilled at 120°



DM360 : 3 sides drilled at 60°



DM460 : 4 sides drilled at 60°



DM260 : 2 sides drilled at 60°



DM2180 : 2 sides drilled at 180°



DM390 : 3 sides drilled at 90°



DM490 : 4 sides drilled at 90°




PROJECT _____

TYPE _____

ROUND STRAIGHT STEEL POLES

• Data below includes luminaire and integrated mounting option. Additional tenons, arms and brackets are not included.

Fixture	Mounting Type	Tilt	Single (DM10)	2 at 90° (DM290)	2 at 180° (DM2180)	2 at 120° (DM2120)	3 at 90° (DM390)	3 at 120° (DM3120)	4 at 90° (DM490)	2 Side-by-Side 
GL1	Fixed Arm (FA)	n/a	0.59 sq. ft.	0.97 sq. ft.	1.18 sq. ft.	1.25 sq. ft.	1.56 sq. ft.	1.63 sq. ft.	1.56 sq. ft.	0.77 sq. ft.
	Extended Site Arm (ES)	n/a	0.67 sq. ft.	1.17 sq. ft.	1.34 sq. ft.	1.49 sq. ft.	1.84 sq. ft.	1.99 sq. ft.	1.84 sq. ft.	1.00 sq. ft.
	Extended Site Arm (ES) with Round Pole Adapter (ERP)	n/a	0.72 sq. ft.	1.22 sq. ft.	1.43 sq. ft.	1.54 sq. ft.	1.93 sq. ft.	2.04 sq. ft.	1.93 sq. ft.	1.00 sq. ft.
	Horizontal Tenon (HT)	n/a	0.48 sq. ft.	0.78 sq. ft.	0.96 sq. ft.	0.98 sq. ft.	1.26 sq. ft.	1.28 sq. ft.	1.26 sq. ft.	0.60 sq. ft.
GL1/BL1	Knuckle Mount (KM) (7.5° increments)	90° (horizontal)	0.56 sq. ft.	0.97 sq. ft.	1.12 sq. ft.	1.13 sq. ft.	1.54 sq. ft.	1.54 sq. ft.	1.54 sq. ft.	0.83 sq. ft.
		60°	0.56 sq. ft.	1.34 sq. ft.	1.12 sq. ft.	1.70 sq. ft.	1.91 sq. ft.	2.49 sq. ft.	1.91 sq. ft.	1.56 sq. ft.
		45°	0.56 sq. ft.	1.56 sq. ft.	1.12 sq. ft.	2.04 sq. ft.	2.12 sq. ft.	3.04 sq. ft.	2.12 sq. ft.	2.00 sq. ft.
		30°	0.56 sq. ft.	1.72 sq. ft.	1.12 sq. ft.	2.33 sq. ft.	2.28 sq. ft.	3.48 sq. ft.	2.28 sq. ft.	2.31 sq. ft.
		0° (vertical)	0.56 sq. ft.	1.83 sq. ft.	1.12 sq. ft.	2.50 sq. ft.	2.39 sq. ft.	3.77 sq. ft.	2.39 sq. ft.	2.54 sq. ft.
BL1	Trunnion Mount (TM) (15° increments)	90° (horizontal)	0.45 sq. ft.	0.75 sq. ft.	0.89 sq. ft.		1.19 sq. ft.		1.19 sq. ft.	0.60 sq. ft.
		60°	0.45 sq. ft.	1.08 sq. ft.	0.89 sq. ft.		1.53 sq. ft.		1.53 sq. ft.	1.28 sq. ft.
		45°	0.45 sq. ft.	1.29 sq. ft.	0.89 sq. ft.		1.74 sq. ft.		1.74 sq. ft.	1.70 sq. ft.
		30°	0.45 sq. ft.	1.44 sq. ft.	0.89 sq. ft.		1.88 sq. ft.		1.88 sq. ft.	1.98 sq. ft.
		0° (vertical)	0.45 sq. ft.	1.54 sq. ft.	0.89 sq. ft.		1.99 sq. ft.		1.99 sq. ft.	2.19 sq. ft.
GL2 + GL3	Fixed Arm (FA)	n/a	0.74 sq. ft.	1.13 sq. ft.	1.49 sq. ft.	1.51 sq. ft.	1.87 sq. ft.	1.90 sq. ft.	1.87 sq. ft.	0.77 sq. ft.
	Extended Site Arm (ES)	n/a	0.83 sq. ft.	1.32 sq. ft.	1.66 sq. ft.	1.75 sq. ft.	2.15 sq. ft.	2.24 sq. ft.	2.15 sq. ft.	0.98 sq. ft.
	Extended Site Arm (ES) with Round Pole Adapter (ERP)	n/a	0.88 sq. ft.	1.37 sq. ft.	1.75 sq. ft.	1.80 sq. ft.	2.24 sq. ft.	2.29 sq. ft.	2.24 sq. ft.	0.98 sq. ft.
	Horizontal Tenon (HT)	n/a	0.65 sq. ft.	0.94 sq. ft.	1.30 sq. ft.	1.22 sq. ft.	1.58 sq. ft.	1.51 sq. ft.	1.58 sq. ft.	0.65 sq. ft.
GL2/BL2 + GL3/BL3	Knuckle Mount (KM) (7.5° increments)	90° (horizontal)	0.73 sq. ft.	1.14 sq. ft.	1.46 sq. ft.	1.37 sq. ft.	1.87 sq. ft.	1.78 sq. ft.	1.87 sq. ft.	0.82 sq. ft.
		60°	0.73 sq. ft.	1.75 sq. ft.	1.46 sq. ft.	2.02 sq. ft.	2.48 sq. ft.	3.04 sq. ft.	2.48 sq. ft.	2.04 sq. ft.
		45°	0.73 sq. ft.	2.06 sq. ft.	1.46 sq. ft.	2.33 sq. ft.	2.80 sq. ft.	3.66 sq. ft.	2.80 sq. ft.	2.66 sq. ft.
		30°	0.73 sq. ft.	2.29 sq. ft.	1.46 sq. ft.	2.57 sq. ft.	3.02 sq. ft.	4.13 sq. ft.	3.02 sq. ft.	3.12 sq. ft.
		0° (vertical)	0.73 sq. ft.	2.53 sq. ft.	1.46 sq. ft.	3.19 sq. ft.	3.26 sq. ft.	4.99 sq. ft.	3.26 sq. ft.	3.60 sq. ft.
BL2 + BL3	Trunnion Mount (TM) (15° increments)	90° (horizontal)	0.61 sq. ft.	0.91 sq. ft.	1.22 sq. ft.		1.52 sq. ft.		1.52 sq. ft.	0.60 sq. ft.
		60°	0.61 sq. ft.	1.52 sq. ft.	1.22 sq. ft.		2.14 sq. ft.		2.14 sq. ft.	1.82 sq. ft.
		45°	0.61 sq. ft.	1.81 sq. ft.	1.22 sq. ft.		2.42 sq. ft.		2.42 sq. ft.	2.40 sq. ft.
		30°	0.61 sq. ft.	2.02 sq. ft.	1.22 sq. ft.		2.63 sq. ft.		2.63 sq. ft.	2.81 sq. ft.
		0° (vertical)	0.61 sq. ft.	2.18 sq. ft.	1.22 sq. ft.		2.80 sq. ft.		2.80 sq. ft.	3.14 sq. ft.

