

Project: _____ **Location:** _____

Customer: _____

Order Number: _____ **Qty:** _____ **Type:** _____

Product Number: _____

Pole: The seamless **A81 DB 845** tapered pole shaft is spun from 6063 aluminum alloy which is heat treated to produce a T6 temper. The outer diameter of pole base is 8" (203mm). Top outside diameter is 4 1/2" (114mm). The bottom of the buried section is "pinched" to prevent a possible rotation of the pole in certain conditions.

Tenon: All pole tops are finished with a minimum 4" (102 mm) straight section. See other tenon sizes and diameters in the "Tenon" column of the ordering information.

Mounting: Five mountings drilling configurations are available (see ordering information). Drilling template and other details must be supplied by customer at time of order. A removable pole cap is supplied with drilled poles.

Maintenance Opening: A 4" (102mm) by 6 1/2" (165mm) opening, the center of which is located 18" (457mm) on center from the pole base. A door is mechanically secured over the service opening and provides access to a copper ground terminal.

Wiring Opening: There are two wiring openings at 90° and 270° in the buried section to allow electrical connection.

Base Cover: Optional round or square aluminum decorative base covers are available.

Certification: All poles are designed to American Association of State Highway & Transportation Officials (AASHTO) standards. The poles meet applicable ASTM standards. All welders are American Welding Society (AWS) certified.

Finish: The standard finish for the pole assembly and components is brushed natural, or a polyester powder coating applied in accordance with ALU MC3's specifications. Additional colors available on special order (RAL number required).

Options:

DR Duplex Support

CAP1 Pole Top Cap 1

PHR Photocell Cap

CB1 Round Base Cover

CB2 Square Base Cover



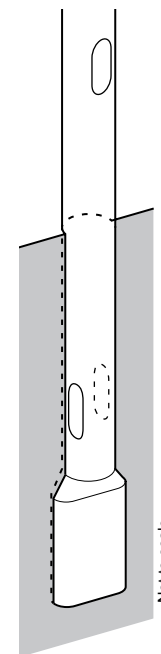
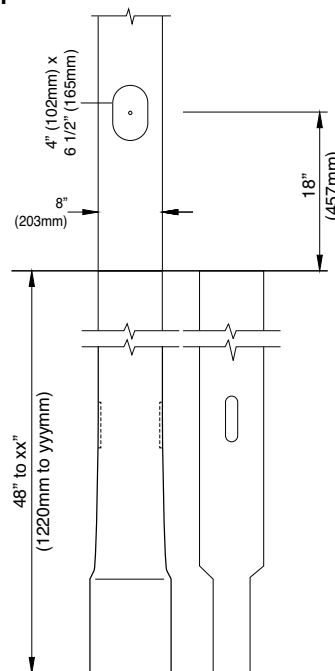
CB1



CB2

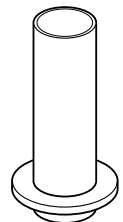
In its ongoing product improvement program ALU MC3 reserves the right to change these specifications without notice.

Detail

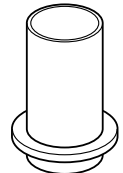


Not to scale

Tenon 2 3/8"



Tenon 2 7/8"

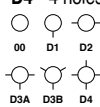


Name: _____ **Notes:** _____

Signature: _____ **Date:** _____

Project: _____ **Location:** _____
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Order Number: _____ **Qty:** _____ **Type:** _____
Product Number: _____

Ordering Information:

Model	Height	Thickness	Base	Top	Depth	Drilling	Tenon	Color	Accessories
A81 DB	2000 20.0' (6,10m)	A 0.125" (3,2mm)	08	45	5000 5' (1.5m)	00 None	PT Pole Top	BRA Brushed Aluminum	DR Duplex Support**
	2006 20.5' (6,25m)	B 0.156" (4,0mm)	8"	4,5"	6000 6' (1.8m)	D1 1 hole	T233 2 3/8" Ø X 3"	WHS White Smooth	CAP1 Pole Top Cap 1**
	2100 21.0' (6,40m)	C 0.188" (4,8mm)	(203mm)	(1114mm)	7000 7' (2.1m)	D2 2 holes	T234 2 3/8" Ø X 4"	WHT White Textured	PHR Photocell Cap**
	2106 21.5' (6,55m)	D 0.219" (5,6mm)				D3A 3 holes	T236 2 3/8" Ø X 6"	BKS Black Smooth	CB1 Round Base Cover**
	2200 22.0' (6,71m)	E 0.250" (6,4mm)				D3B 3 holes	T273 2 7/8" Ø X 3"	BKT Black Textured	CB2 Square Base Cover**
	2206 22.5' (6,86m)					D4 4 holes	T274 2 7/8" Ø X 4"	DBS Dark Bronze Smooth	** Size determined by pole
	2300 23.0' (7,01m)						T276 2 7/8" Ø X 6"	DBT Dark Bronze Textured	
	2306 23.5' (7,16m)							GRS Grey Smooth	
	2400 24.0' (7,31m)							GRT Grey Textured	
	2406 24.5' (7,47m)							SPS Special Smooth*	
	2500 25.0' (7,62m)							SPT Special Textured*	
	2506 25.5' (7,77m)	3006 30,5' (9,29m)	3506 35,5' (10,82m)					* RAL number required	
	2600 26.0' (7,92m)	3100 31,0' (9,45m)	3600 36,0' (10,67m)						
	2606 26.5' (8,08m)	3106 31,5' (9,60m)	3606 36,5' (11,13m)						
	2700 27.0' (8,23m)	3200 32,0' (9,75m)	3700 37,0' (11,28m)						
	2706 27.5' (8,38m)	3206 32,5' (9,91m)	3706 37,5' (11,43m)						
	2800 28.0' (8,53m)	3300 33,0' (10,06m)	3800 38,0' (11,58m)						
	2806 28.5' (8,69m)	3306 33,5' (10,21m)	3806 38,5' (11,73m)						
	2900 29.0' (8,84m)	3400 34,0' (10,36m)	3900 39,0' (11,89m)						
	2906 29.5' (8,99m)	3406 34,5' (10,52m)	3906 39,5' (12,04m)						
	3000 30.0' (9,14m)	3500 35,0' (10,67m)	4000 40,0' (12,19m)						

Technical Informations:

Height		Wall Thickness		Bottom Diam.		Top Diam.		Depth		Maximum EPA (sq. ft.)							
										90 mph	100 mph	110 mph	120 mph	130 mph	140 mph	150 mph	160 mph
2200	22 6,7	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	12,18	9,53	7,67	6,29	5,20	4,32	3,60	2,98
2200	22 6,7	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	15,26	12,04	9,77	8,06	6,73	5,64	4,75	4,00
2200	22 6,7	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	29,24	23,62	19,50	16,35	13,85	11,83	10,18	8,80
2500	25 7,6	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	9,12	6,97	5,51	4,44	3,60	2,92	2,35	1,87
2500	25 7,6	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	11,70	9,09	7,28	5,94	4,89	4,03	3,33	2,73
2500	25 7,6	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	16,59	13,12	10,64	8,78	7,32	6,15	5,18	4,36
2800	28 8,5	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	10,68	8,28	6,61	5,37	4,39	3,61	2,94	2,38
2800	28 8,5	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	13,72	10,77	8,71	7,16	5,93	4,94	4,11	3,42
2800	28 8,5	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	22,99	18,53	15,29	12,80	10,82	9,22	7,89	6,79
3000	30 9,1	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	9,01	6,87	5,41	4,34	3,51	2,81	2,24	1,75
3000	30 9,1	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	11,77	9,15	7,33	5,98	4,91	4,04	3,32	2,70
3000	30 9,1	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	11,13	8,56	6,81	5,51	4,49	3,67	2,98	2,40
3200	32 9,8	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	7,53	5,61	4,34	3,43	2,70	2,11	1,61	1,19
3200	32 9,8	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	6,39	4,69	3,59	2,80	2,19	1,69	1,27	0,92
3200	32 9,8	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	14,79	11,62	9,40	7,73	6,41	5,33	4,44	3,69
3500	35 10,7	B	0,156 4,0	08	8,0 203	45	4,5 114	5000	5 1,5	5,57	3,96	2,93	2,20	1,63	1,17	0,77	0,42
3500	35 10,7	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	7,83	5,83	4,50	3,55	2,79	2,17	1,65	1,20
3500	35 10,7	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	12,00	9,30	7,43	6,04	4,93	4,04	3,29	2,65
3800	38 11,6	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	5,90	4,19	3,11	2,34	1,73	1,24	0,81	0,44
3800	38 11,6	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	9,65	7,31	5,73	4,57	3,66	2,91	2,29	1,75
4000	40 12,2	C	0,188 4,8	08	8,0 203	45	4,5 114	5000	5 1,5	4,75	3,22	2,27	1,61	1,10	0,67	0,31	0,00
4000	40 12,2	E	0,250 6,4	08	8,0 203	45	4,5 114	5000	5 1,5	8,25	6,12	4,72	3,70	2,90	2,24	1,69	1,21

Notes: The EPA values are calculated according to 2016 AASHTO standards.

Consult factory for data for other available heights and wall thickness.

* Burial depth will vary depending on wind speed, weight of fixtures, mounting configuration, specific installation details, as well as type of soil.

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Signature: _____ **Date:** _____