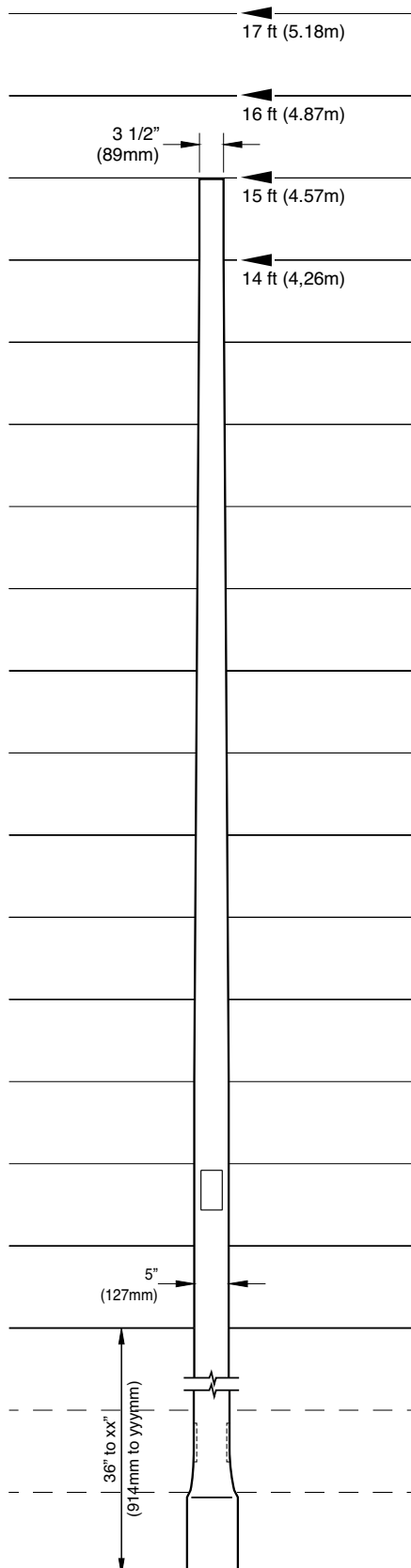


Project: _____ **Location:** _____

Customer: _____

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

Product Number: _____



Pole: The seamless **A81 DB 53** tapered pole shaft is spun from 6063 aluminum alloy and is heat treated to produce a T6 temper. The outer pole base diameter is 5" (127mm). Top outside diameter is 3 1/2" (89mm). 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 2 1/2" (64mm) by 5" (127mm) opening, the center of which is located 18" (457mm) on center from the ground. 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 natural brushed, 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

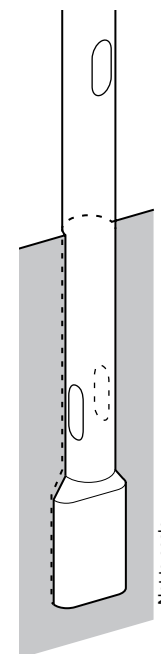
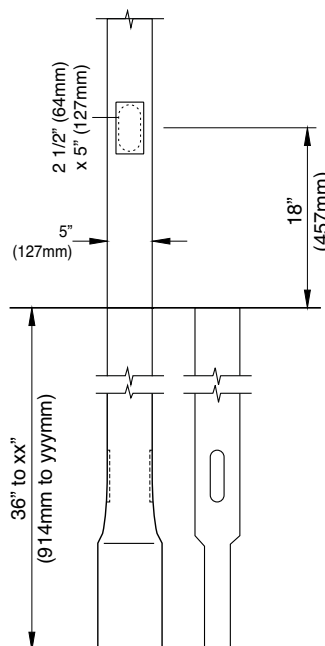
CB1 Round Base Cover

CB2 Square Base Cover

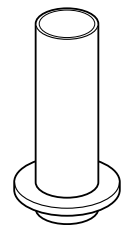


In its ongoing product improvement program ALU MC3 reserves the right to change these specifications without notice.

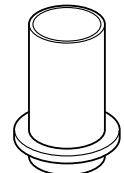
Detail



Tenon 2 3/8"



Tenon 2 7/8"



Name: _____ **Notes:** _____

Signature: _____ **Date:** _____

Project: _____ **Location:** _____

Customer: _____

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

Product Number: _____

Ordering Information:

Model	Height	Thickness	Base	Top	Depth	Drilling	Tenon	Color	Accessories	
A81 DB	1000	10.0' (3.05m)	A 0.125" (3.2mm)	05	30	3000 3' (0.9m)	00 None	PT Pole Top	BRA Brushed Aluminum	DR Duplex Support**
	1006	10.5' (3.20m)	B 0.156" (4.0mm)	5"	3"	4000 4' (1.2m)	D1 1 hole	T233 2 3/8" Ø X 3"	WHS White Smooth	CAP1 Pole Top Cap 1**
	1100	11.0' (3.35m)	C 0.188" (4.8mm)	(127mm)	(76mm)	5000 5' (1.5m)	D2 2 holes	T234 2 3/8" Ø X 4"	WHT White Textured	PHR Photocell Cap**
	1106	11.5' (3.50m)	D 0.219" (5.6mm)				D3A 3 holes	T236 2 3/8" Ø X 6"	BKS Black Smooth	CB1 Round Base Cover**
	1200	12.0' (3.66m)	E 0.250" (6.4mm)				D3B 3 holes	T273 2 7/8" Ø X 3"	BKT Black Textured	CB2 Square Base Cover**
	1206	12.5' (3.81m)					D4 4 holes	T274 2 7/8" Ø X 4"	DBS Dark Bronze Smooth	** Size determined by pole
	1300	13.0' (3.96m)						T276 2 7/8" Ø X 6"	DBT Dark Bronze Textured	
	1306	13.5' (4.11m)							GRS Grey Smooth	
	1400	14.0' (4.27m)							GRT Grey Textured	
	1406	14.5' (4.42m)							SPS Special Smooth*	
	1500	15.0' (4.57m)							SPT Special Textured*	
	1506	15.5' (4.72m)							* RAL number required	
	1600	16.0' (4.88m)								
	1605	16.5' (6.03m)								
	1700	17.0' (5.18m)								
	1706	17.5' (5.33m)								
	1800	18.0' (5.49m)								
	1806	18.5' (5.64m)								
	1900	19.0' (5.79m)								
	1906	19.5' (5.94m)								
2000	20.0' (6.10m)									

Technical Informations:

												Maximum EPA (sq. ft.)										
Height			Wall Thickness			Bottom Diam.			Top Diam.			Depth*			90	100	110	120	130	140	150	160
code	ft	m	code	in	mm	code	in	mm	code	in	mm	code	ft	m	mph	mph	mph	mph	mph	mph	mph	mph
1500	15	4,6	C	0,188	4,8	05	5,0	127	30	3,0	76	3000	3	0,9	7,57	5,71	4,34	3,32	2,55	1,97	1,54	1,23
1500	15	4,6	E	0,250	6,4	05	5,0	127	30	3,0	76	3000	3	0,9	15,81	12,62	10,21	8,31	6,86	5,72	4,82	4,130
1600	16	4,9	A	0,125	3,2	05	5,0	127	30	3,0	76	3000	3	0,9	9,59	7,48	5,87	4,65	3,71	3,00	2,45	2,04
1600	16	4,9	C	0,188	4,8	05	5,0	127	30	3,0	76	3000	3	0,9	12,40	9,82	7,85	6,34	5,17	4,27	3,56	3,03
1600	16	4,9	E	0,250	6,4	05	5,0	127	30	3,0	76	3000	3	0,9	13,93	11,08	8,90	7,22	5,92	4,91	4,12	3,52
1800	18	5,5	A	0,125	3,2	05	5,0	127	30	3,0	76	3000	3	0,9	6,47	4,85	3,62	2,70	2,01	1,50	1,12	0,86
1800	18	5,5	C	0,188	4,8	05	5,0	127	30	3,0	76	3000	3	0,9	7,57	5,71	4,34	3,32	2,55	1,97	1,54	1,23
1800	18	5,5	E	0,250	6,4	05	5,0	127	30	3,0	76	3000	3	0,9	10,42	8,07	6,31	4,99	3,99	3,23	2,64	2,20
2000	20	6,1	C	0,188	4,8	05	5,0	127	30	3,0	76	3000	3	0,9	5,98	4,36	3,17	2,29	1,65	1,18	0,83	0,60
2000	20	6,1	E	0,250	6,4	05	5,0	127	30	3,0	76	3000	3	0,9	8,46	6,41	4,89	3,75	2,90	2,26	1,79	1,44

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.

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

Name: _____ **Notes:** _____

Signature: _____ **Date:** _____