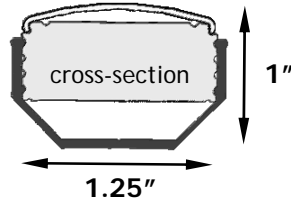
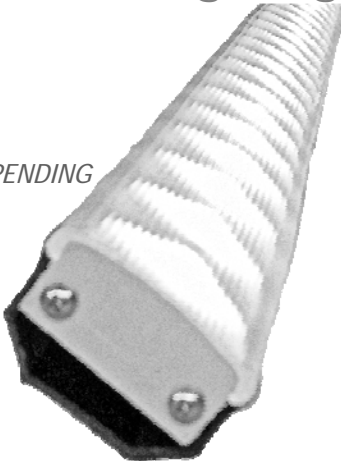


LED Cove Lighting

PATENT PENDING



Part Number	
Type	Comment

- *Low Profile:* Fits almost anywhere
- *Easy to Install:* Strips up to 8 feet long
- *Low Voltage AC:* Uses standard transformers
- *Very Bright:* up to >350 lumens/ft or >275 lumens/ft
- *Dimmable:* Standard low voltage dimmers
- *Adjustable:* Multi-angle mounting bracket
- *Safe:* UL approved



TEMPR™ thermal management technology transfers heat from the LED into the aluminum housing to reduce junction temperature for maximum performance and lifetime.

- *Low Temperature Operation*
- *Lowest Maintenance*
- *Lowest Power Consumption*
- *Easy to install*
- *No Mercury*
- *Continuous Source Lighting*
- *Highest Intensities*
- *Full Spectrum*
- *Low Profile*
- *No Flicker, No Buzzing*

Attributes

Construction

- Extruded aluminum
- Polycarbonate cover

Power

- 12VAC
- 5W or 8W per foot

Electrical Interface

- 2-pin locking

Mounting

- Multi-angle bracket
- Optional: Adjustable bracket

Warranty

- 5 year warranty

LED Types

- High Efficacy, up to 50 lm/W
- CCT's: 2500°K, 3500°K, 4200°K, 5000°K
- Viewing Angle: 120°

Operating Life

- 50,000 to 75,000 hrs to 70% of full brightness

Ordering Information

Product Platform	Length	LED CCT	Optics	LED Pitch	Electrical Input	Electrical Output	Color	Input Power
TA	A	6	0	0	A	A	O	A
TA LED Lighting	SEE CODE BELOW FOR LENGTHS	4 5000°K 5 4200°K 6 3500°K 8 2500°K	1 No Lens 0 Lens D Diffuser	0 1.5 inch 2 3 inch	A 2-pin dimming	A 2-pin dimming 2 None	O Aluminum	A 12V AC

Code	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	J	K	L
Length (inches)	5.5	10	14.5	19	23.5	28	32.5	37	41.5	46	50.5	55	59.5	64	68.5	73	77.5	82	86.5	91
1.5" Power (W)	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	53	56	59
3" Power (W)	-	4	-	8	-	12	-	16	-	20	-	24	-	28	-	32	-	36	-	40



LED Cove Lighting

Optical and Electrical Specifications (46" lengths)

All options not listed. Please contact sales for technical specs of other part numbers.

Type	Part Number	Color	Temp	# of LEDs	Lens	Diffuser	Lumens	Watts
Full Density	TA-A500-AAOA	Cool	4200 K	30	✗	✗	1300	30
	TA-A500-AAOA	Cool	4200 K	30	✓	✗	1050	30
	TA-A5D0-AAOA	Cool	4200 K	30	✓	✓	920	30
	TA-A600-AAOA	Neutral	3500 K	30	✗	✗	1200	30
	TA-A600-AAOA	Neutral	3500 K	30	✓	✗	975	30
	TA-A6D0-AAOA	Neutral	3500 K	30	✓	✓	860	30
	TA-A800-AAOA	Warm	2500 K	30	✗	✗	1115	30
	TA-A800-AAOA	Warm	2500 K	30	✓	✗	900	30
	TA-A8D0-AAOA	Warm	2500 K	30	✓	✓	800	30
Half Density	TA-A502-AAOA	Cool	4200 K	15	✗	✗	1015	20
	TA-A502-AAOA	Cool	4200 K	15	✓	✗	820	20
	TA-A5D2-AAOA	Cool	4200 K	15	✓	✓	720	20
	TA-A602-AAOA	Neutral	3500 K	15	✗	✗	945	20
	TA-A602-AAOA	Neutral	3500 K	15	✓	✗	765	20
	TA-A6D2-AAOA	Neutral	3500 K	15	✓	✓	675	20
	TA-A802-AAOA	Warm	2500 K	15	✗	✗	880	20
	TA-A802-AAOA	Warm	2500 K	15	✓	✗	700	20
	TA-A8D2-AAOA	Warm	2500 K	15	✓	✓	625	20

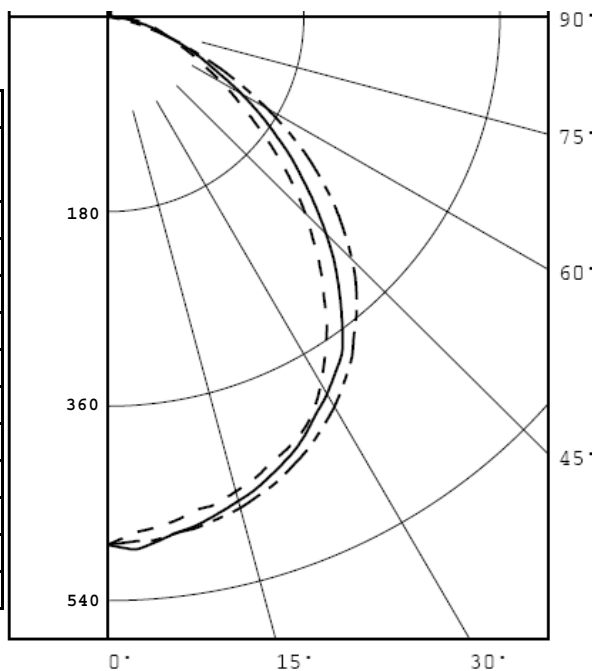
Photometry

- 30 LEDs
- 46 inches
- 3500K CCT

TOTAL INPUT WATTS = 30 W

Vertical Angle	Candela Distribution			Zonal Lumens
	Horizontal Angle			
	0	45	90	
0	488	488	488	
5	474	488	485	45
15	454	463	470	130
25	422	427	438	198
35	350	375	389	231
45	256	283	317	220
55	160	186	222	173
65	90	101	117	103
75	49	47	38	52
85	22	16	4	18
90	13	4	0	1202

Photometry results based on TA-A600-AAOA fixture.



Specification subject to change without notice.

See Cove Configuration Guide for transformer sizing and wiring recommendations.



rev. 12.22.08

