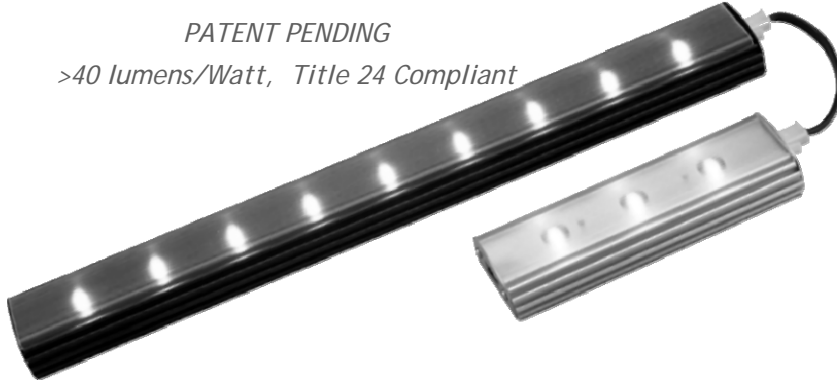


High Power White-LED Light Fixture

PATENT PENDING

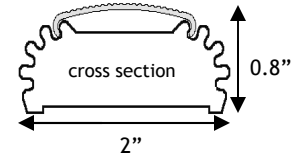
>40 lumens/Watt, Title 24 Compliant



Part Number	
Type	Comment



TEMPR™ Technology, our advanced thermal mounting system, transfers heat from the LED into the specification-grade extruded aluminum housing to reduce junction temperature for maximum performance and lifetime.



Attributes:

Construction

- Extruded Aluminum housing
- Polycarbonate cover

Finish

- Clear Anodize (light silver)
- Black Anodize

Mounting

- Plastic extruded bracket
- Optional tilting bracket

Electrical Interface

- 2-pin, locking

Warranty

- 5 year warranty

Control

- Standard low-voltage dimmer switch, Lutron

Daisy Chaining Interface

- 2 or 3-pin locking connector
- Input and output identical

Lengths

- 5.5 in to 8 ft in 4.5 in increments
- Max run is 12 ft
- Multiple runs per transformer

Options

- Light diffuser, passive infrared sensor, switch

Lumen Output

- 440 lm/ft @ 5000°K

LED Types

- 1 Watt–High Efficacy LEDs
- Viewing Angles:120°
- 50 to 60 lumens/Watt/LED
- CCT: 2500°K, 3500°K, 4200°K, 5000°K

Power Input

- Nominal 12VAC or 12VDC
- 0.33 Amps per 3 LEDs max @ 12VDC
- 8 Watts/foot

Operating Life

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

Ordering Information: *(not all combinations available)*

Product Platform	# of LEDs	LED CCT	Beam Angle	Special Feature	Electrical Input	Electrical Output	Color	Power
TP	A	6	0	0	A	A	K	A
TP Talea Power	See code for lengths below	4 5000 K 5 4200 K 6 3500 K 8 2500 K	0 120° D Diffuser	0 Extended life P PIR	0 Jack + switch 3 Hardwired + switch 6 Hardwired, no switch A 2-pin T 3-pin	0 On/off switch in endcap 1 Jumper daisy chain 2 Nothing A 2-pin T 3-pin	K Black C Clear	D 12V DC A 12V AC

CODE	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J	K	
Length (in)	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"	
# of LEDs	1.5"	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
		3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60



High Power White-LED Light Fixture

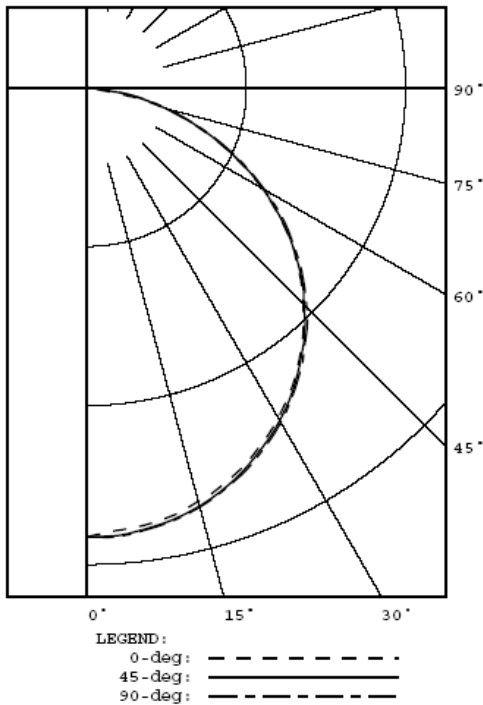
Mechanical, Optical, and Electrical Performance:*

Part Number	Length	LEDs	Lumen*	~ Halogen Equivalent	Amps	Watts 12VDC
TP-1x00-AAxA	5.5"	3	120 - 180	15 W	0.28	3.4
TP-2x00-AAxA	10.0"	6	240 - 360	30 W	0.56	6.7
TP-3x00-AAxA	14.5"	9	360 - 540	45 W	0.84	10.1
TP-4x00-AAxA	19.0"	12	480 - 720	60 W	1.12	13.4
TP-5x00-AAxA	23.5"	15	600 - 900	75 W	1.40	16.8
TP-6x00-AAxA	28"	18	720 - 1080	90 W	1.68	20.2
TP-7x00-AAxA	32.5"	21	840 - 1260	105 W	1.96	23.5
TP-8x00-AAxA	37"	24	960 - 1440	120 W	2.24	26.9
TP-9x00-AAxA	41.5"	27	1080 - 1620	135 W	2.52	30.2
TP-Ax00-AAxA	46"	30	1200 - 1800	150 W	2.80	33.6

* Lumen output varies with LED color temperature with 60 lumen output for cool LEDs with CCT Above ~5000°K, and >40 lumens output for warm LEDs with CCTs below ~3500°K

Photometry: Albeo Part Number TP-A400-TTCD

TOTAL INPUT WATTS= 31 AT 12.0 VDC



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXT
0- 30	382.32	27.1
0- 40	628.56	44.7
0- 60	1124.28	79.9
0- 90	1407.24	100.0
90-180	0	0.0
0-180	1407.24	100.0

CANDELA DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	488.16	488.16	488.16	488.16	488.16
5	481.68	482.76	487.08	489.24	488.16
15	465.48	466.56	470.88	473.04	471.96
25	435.24	436.32	438.48	443.88	440.64
35	390.96	393.12	393.12	397.44	395.28
45	331.56	336.96	332.64	340.2	336.96
55	260.28	266.76	261.36	267.84	264.6
65	174.96	182.52	176.04	183.6	179.28
75	86.4	93.96	87.48	96.12	90.72
85	0	0	0	15.12	7.56
90	0	0	0	0	0

