

LOW PROFILE LED ON SUBSTRATE

FEATURES

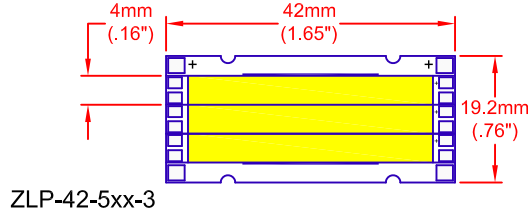
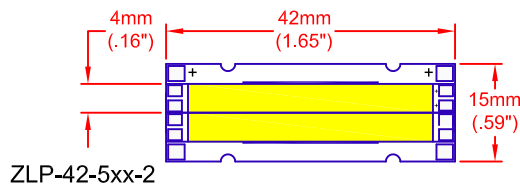
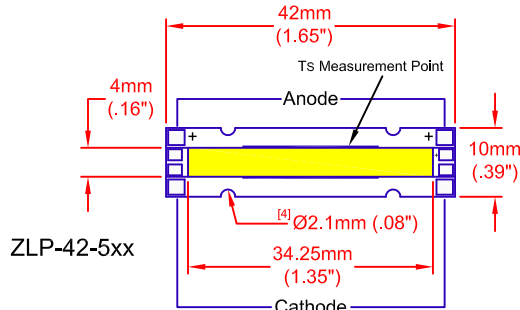
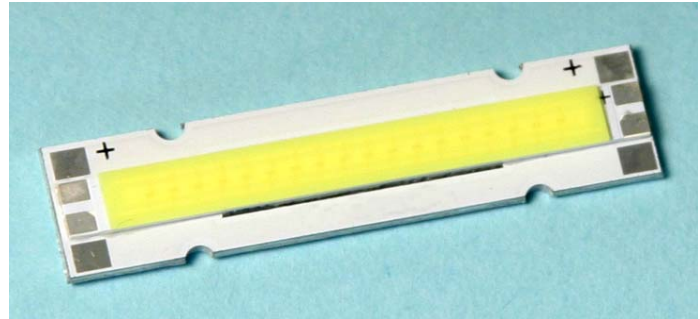
Dual connection design allows for mounting several together for continuous linear light source or in parallel order as a planar light source.

Low Profile Linear LED (2.1mm Height).

Solid line of linear illumination.

Mounted on heat sink for optimal heat dissipation.

Easy screw installation.

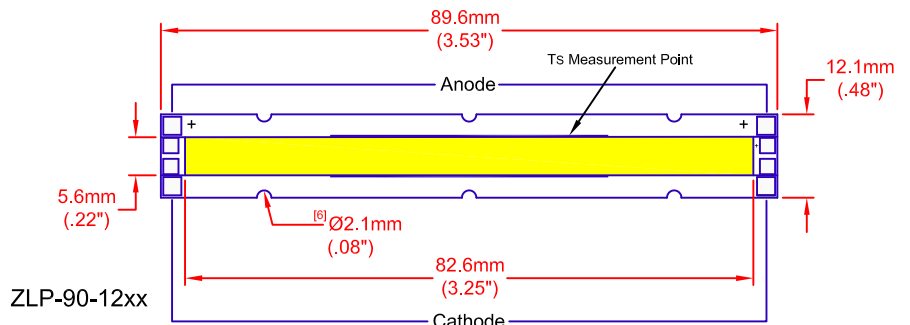


- Notes: 1. General tolerance is 0.2mm.
2. Aluminum (Al) substrate thickness is 1mm.
3. The temperature of substrate (Ts) should not be higher than 50°C.

Absolute Maximum Ratings

Parameter	Symbol	Rating	Units
Transient Surge Voltage	V_{TS}	12	V
LED Junction Temperature	T_J	80	°C
Operating Temperature	T_{opr}	-40 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +120	°C

VALUES APPLY TO ALL SIZES



JKL Part Number	*Color Options	Watts	Current mA	V_F			Flux Typ.
				Min.	Typ.	Max.	
ZLP-42-5CW	6,000-10,000 %k COOL WHITE	1.0	350mA	3.1	3.4	5	100 lm
ZLP-42-5NW	3,800-5,000 %k NEUTRAL WHITE	1.0	350mA	3.1	3.4	5	80 lm
ZLP-42-5WW	2,670-3,800 %k WARM WHITE	1.0	350mA	3.1	3.4	5	70 lm
ZLP-42-5CW-2	6,000-10,000 %k COOL WHITE	2.0	700mA	3.1	3.4	5	200 lm
ZLP-42-5NW-2	3,800-5,000 %k NEUTRAL WHITE	2.0	700mA	3.1	3.4	5	160 lm
ZLP-42-5WW-2	2,670-3,800 %k WARM WHITE	2.0	700mA	3.1	3.4	5	140 lm
ZLP-42-5CW-3	6,000-10,000 %k COOL WHITE	3.0	1050mA	3.1	3.4	5	300 lm
ZLP-42-5NW-3	3,800-5,000 %k NEUTRAL WHITE	3.0	1050mA	3.1	3.4	5	240 lm
ZLP-42-5WW-3	2,670-3,800 %k WARM WHITE	3.0	1050mA	3.1	3.4	5	210 lm
ZLP-90-12CW	6,000-10,000 %k COOL WHITE	3.5	350mA	9	10.2	12	330 lm
ZLP-90-12NW	3,800-5,000 %k NEUTRAL WHITE	3.5	350mA	9	10.2	12	265 lm
ZLP-90-12WW	2,670-3,800 %k WARM WHITE	3.5	350mA	9	10.2	12	230 lm

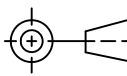
* Please contact JKL to discuss your specific color requirements.

ATTENTION



OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

METRIC



THIRD ANGLE PROJECTION

DIMENSIONS ARE IN mm & (INCHES)

TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/- REF.
2 PL +/- ANGLE +/-

JKL COMPONENTS CORPORATION

TITLE

LOW PROFILE LED ON SUBSTRATE

			1 THIRD ANGLE PROJECTION	1 PL +/- 2 PL +/- ANGLE +/-	REF.	LOW PROFILE LED ON SUBSTRATE				
B	ADD NOTE FOR COLOR OPTIONS	8/30/11	DRAWN BY	APPR'D BY	DATE	SIZE	FSCM NO.	DRAWING NO.		
A	ADD DOUBLE & TRIPLE PARTS	6/14/11	L. WENGSTROM	L.R.	8/30/11	A	55335	ZLP-MULTI		
	RELEASED	4/19/11				SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
REV. NO.	DESCRIPTION/ECO NUMBER	APPR'D DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			NONE	4/19/11	8/30/11	B	1 OF 1