8mm X 480mm LED LIGHT BAR

Features

Extra-Low Voltage (ELV) Device: 12VDC

30 LEDs per Board

Cuttable to Achieve Shorter Lengths



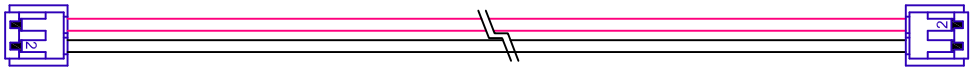
Maximum Ratings

Parameter	Symbol	Rating	Units
Forward Current	IF	200	mA
Power Dissipation	PD	2.4	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-20~+65	ºC
Storage Temperature	Tstg	-20~+80	ºC

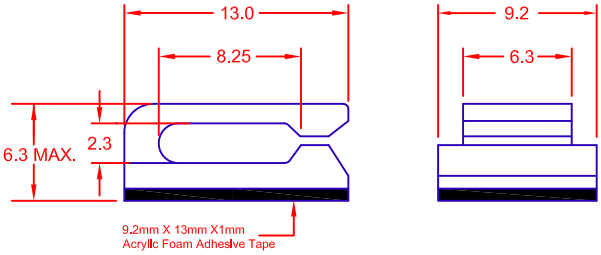
Mating Components



ZCH-200-I:
Solderless Input Connector



ZCH-101-J
Solderless Joiner Connector



ZRC-8B
Mounting Clip

ATTENTION



OBSERVE PRECAUTION
FOR HANDLING ELECTROSTATIC
DISCHARGE SENSITIVE DEVICES

NOTE: Please refer to JKL Application Sheet JKL-AS-ZRS-LED-BARS for Installation and Power Recommendations.

JKL PART NO.: ZRS-8480 MULTI

REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
C	Added Cautions; No line voltage	1/21/26
B	LED PACKAGE CHANGE	4/2/25
A	CHANGE MOUNTING CLIP PART NO.	6/2/14
	RELEASE	9/12/11

METRIC
THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETER (INCH)
TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/- REF.
2 PL +/-
ANGLE +/-

JKL COMPONENTS CORPORATION

TITLE: 8mm X 480mm LED LIGHT BAR

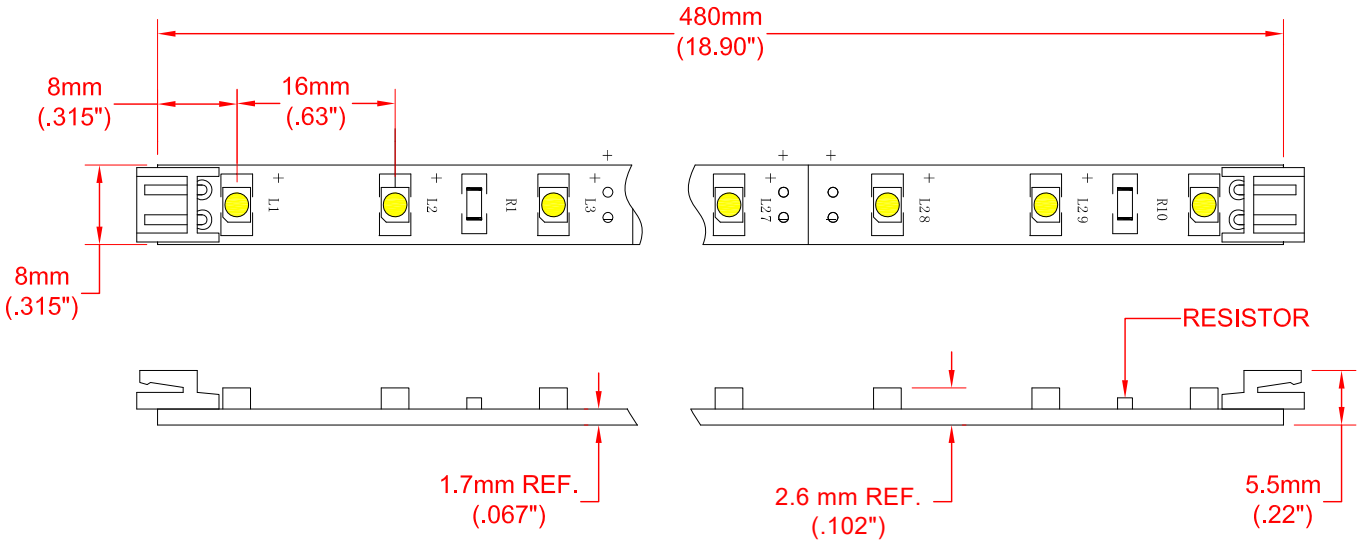
DRAWN BY	APPV'D BY	DATE	SIZE	FSCM NO.	DRAWING NO.
L. WENGSTROM	S.C.	6/2/14	A	55335	ZRS-8480 MULTI

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
NONE	9/12/11	1/21/26	C	1 OF 2

8mm X 480mm LED LIGHT BAR

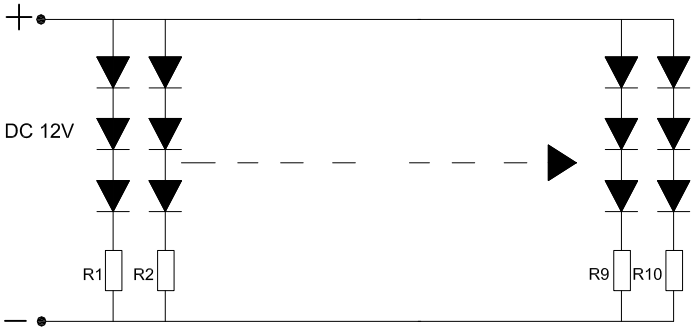
Dimensions



Electro-Optical Characteristics (Ta = 25°C)

JKL Part Number	Color	Number of LED's	Input Voltage (V DC)	Power (W)	Current (mA)	Radiance Angle	CCT (K)	Lumen Flux (lm)
ZRS-8480-CW	Cool White	30	12	2.4	200	120º	6000	90
ZRS-8480-NW	Neutral White	30	12	2.4	200	120º	4100	84
ZRS-8480-WW	Warm White	30	12	2.4	200	120º	3050	70

Circuit Diagram



CAUTIONS

DO NOT connect directly to line voltage.
External power supply required.

For professional integration into low-voltage lighting systems.

JKL COMPONENTS CORPORATION	DRAWING NO. ZRS-8480				
	RELEASED DATE 9/12/11	REVISION DATE 1/21/26	REV. NO. C	SHEET 2 OF 2	