

# 8mm X 480mm LED LIGHT BAR

## Features

VOLTAGE: 12V DC  
 CURRENT: 200mA  
 LED VIEW ANGLE (2 θ 1/2): 120°  
 30 LED'S PER BAR



## 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	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

## Accessories

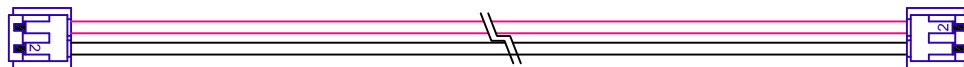
- ZPS-1220 12V, 20 Watt Power Supply
- ZPS-1225 12V, 25 Watt Power Supply
- ZPS-1235 12V, 35 Watt Power Supply
- ZPS-1260 12V, 60 Watts Power Supply
- ZDM-01 PWM LED Dimmer

Note: ZPS-1220, ZPS-1235 and ZPS-1260 require use of wire nuts for connections.

## Mating Components



ZCH-200-I:  
Solderless Input Connector



ZCH-101-J  
Solderless Joiner Connector

### NOTE:

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



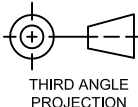
ZRC-8  
Mounting Clip

### ATTENTION



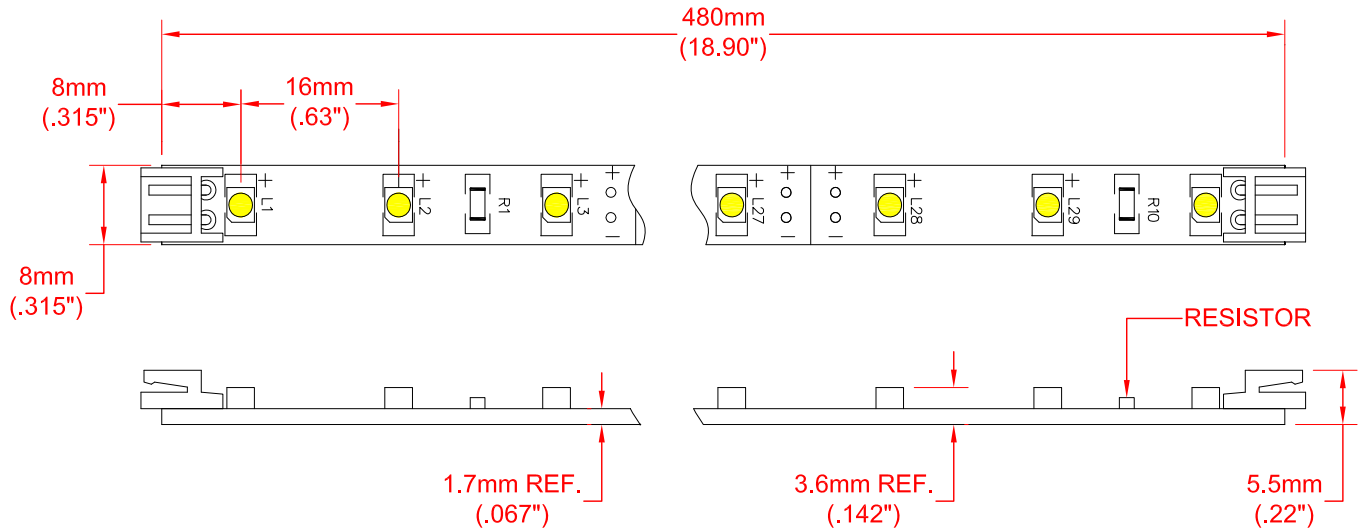
OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZRS-8480 MULTI

		<b>METRIC</b>  THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETER (INCH) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-		<b>JKL COMPONENTS CORPORATION</b>					
DRAWN BY		APPV'D BY		DATE	SIZE	FSCM NO.	DRAWING NO.				
L. WENGSTROM		L. R.		9/12/11	A	55335	ZRS-8480 MULTI				
RELEASE				9/12/11	- CAD DRAWING -		SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
					MANUAL REVISIONS NOT PERMITTED		NONE	9/12/11			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	120°	6000	90
ZRS-8480-NW	Neutral White	30	12	2.4	200	120°	4100	84
ZRS-8480-WW	Warm White	30	12	2.4	200	120°	3050	70

## Circuit Diagram

