

Features

Voltage: 24V DC

Current: 1440mA

LED Viewing Angle (2 θ 1/2): 120°

Standard Packaging:

4 Meter Reel (480 LED's)

Optional Packaging:

Individual 500mm Sections (60 LED'S)

Order as ZFS-84000-XX/SEC

Maximum Ratings

Parameter	Symbol	Rating	Units
LED Junction Temperature	T_J	125	°C
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
ESD Sensitivity	V_B	1000	V

8mm X 4000mm SMD LIGHT RIBBON



Notes:

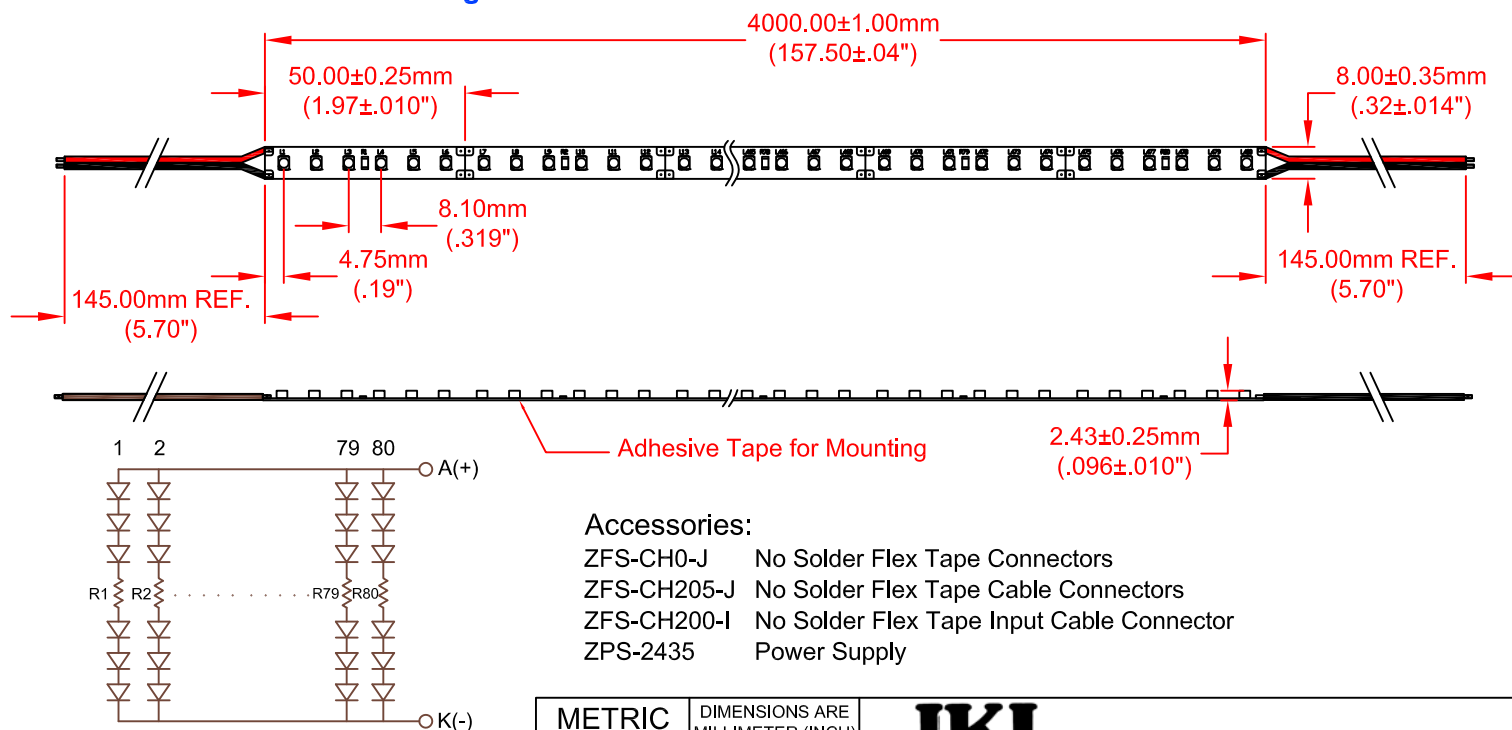
1. Proper current derating must be observed to maintain junction temperature below the maximum at all time.
2. LEDs are not designed to be driven in reverse bias.

Electro-Optical Characteristics ($T_J = 25^\circ\text{C}$)

Part Number	Color	Number of LEDs	Input Voltage (V DC)	Power (W)	Current (mA)	Radiance Angle (Deg.)	$\lambda_d(\text{nm})$ / CCT(K)	Lumen Flux (lm)
ZFS-84000-CW	Cool White	480	24	34.56	1440	120	6000	1747
ZFS-84000-NW	Neutral White	480	24	34.56	1440	120	4100	1622
ZFS-84000-WW	Warm White	480	24	34.56	1440	120	3050	1498

Note: Flux is measured with an accuracy of +/- 10%.

Dimensions and Circuit Diagram



Accessories:

- ZFS-CH0-J No Solder Flex Tape Connectors
- ZFS-CH205-J No Solder Flex Tape Cable Connectors
- ZFS-CH200-I No Solder Flex Tape Input Cable Connector
- ZPS-2435 Power Supply

					DIMENSIONS ARE MILLIMETER (INCH)		 JKL COMPONENTS CORPORATION											
D CHNG TO ZPS-2435 POWER SUPPLY & PHOTO			4/15/11		TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- REF. ANGLE +/- REF.		TITLE											
C CORRECT LINE DRAWING			4/5/11				8 X 4000mm, 8mm PITCH, WHITE LED FLEX STRIP											
B CORRECT DIM LINE ON LED HT.			3/29/11															
A WIRE DIMS TO REF. & ADDED TO FEATURES			11/10/10		DRAWN BY L. WENGSTROM		APPV'D BY DATE L.R. 4/15/11		SIZE A		FSCM NO. 55335		DRAWING NO. ZFS-84000 MULTI					
RELEASED AND CANCEL PL-0903-07			11/10/10						SCALE NONE		RELEASED DATE 11/10/10		REVISION DATE 4/15/11		REV. NO. D		SHEET 1 OF 1	
REV. NO.			DESCRIPTION/ECO NUMBER		APPV'D DATE		- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED											