

8mm X 4000mm SMD LIGHT RIBBON

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

Notes:

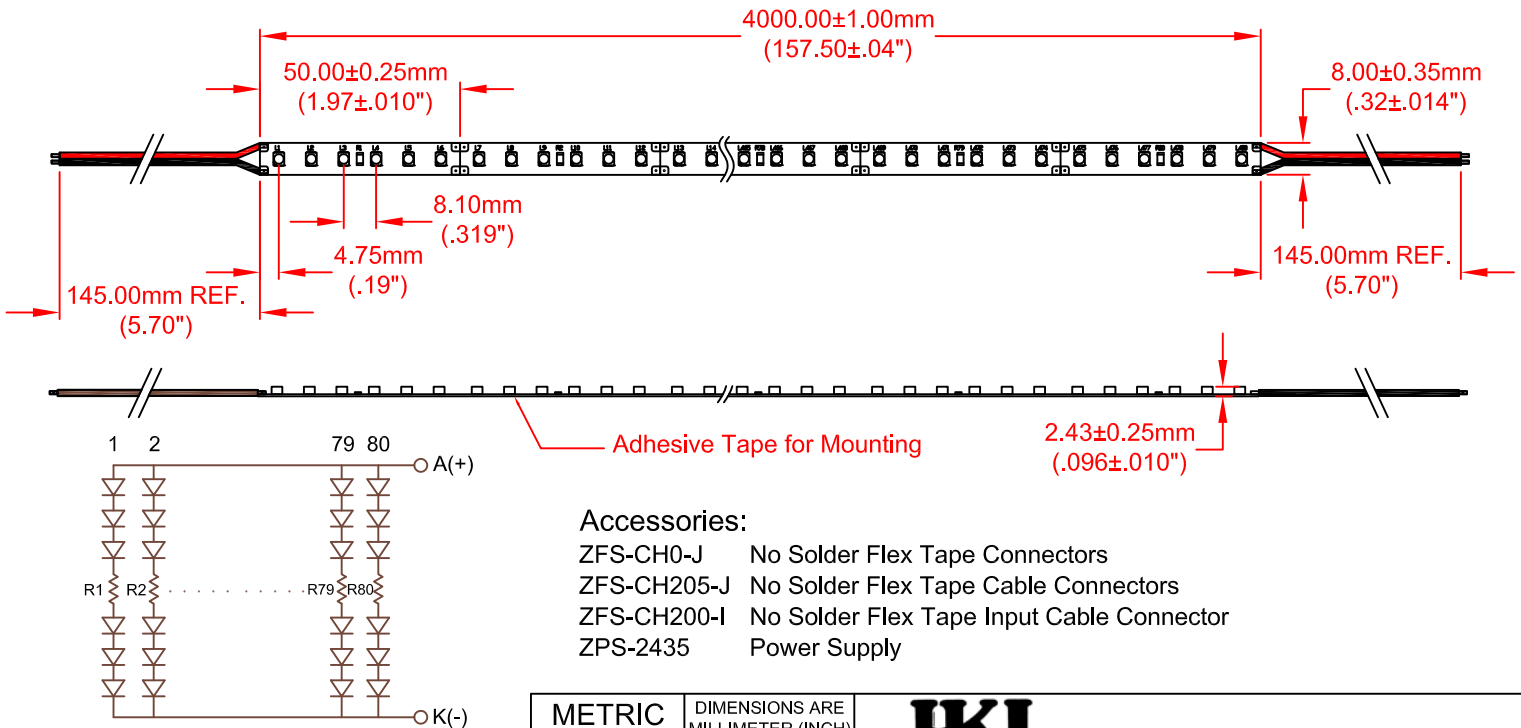
- Proper current derating must be observed to maintain junction temperature below the maximum at all time.
- LEDs are not designed to be driven in reverse bias.

Electro-Optical Characteristics (T_J = 25°C)

Part Number	Color	Number of LEDs	Input Voltage (V DC)	Power (W)	Current (mA)	Radiance Angle (Deg.)	λd(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



	DIMENSIONS ARE MILLIMETER (INCH) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- REF. ANGLE +/- REF.		JKL COMPONENTS CORPORATION			
	THIRD ANGLE PROJECTION					
DRAWN BY L. WENGSTROM	APP'VD BY L.R.	DATE 4/15/11	SIZE A	FSCM NO. 55335	DRAWING NO. ZFS-84000 MULTI	
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 11/10/10	REVISION DATE 4/15/11	
REV. NO.	DESCRIPTION/ECO NUMBER	APP'VD DATE	REV. NO. D	SHEET 1 OF 1		

D	CHNG TO ZPS-2435 POWER SUPPLY & PHOTO	4/15/11
C	CORRECT LINE DRAWING	4/5/11
B	CORRECT DIM LINE ON LED HT.	3/29/11
A	WIRE DIMS TO REF. & ADDED TO FEATURES	11/10/10
	RELEASED AND CANCEL PL-0903-07	11/10/10