

# HIGH DENSITY LED FLEX 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  
 Note: Individual Sections ARE NOT supplied  
 with insulated wire connection.



## Maximum Ratings

Parameter	Symbol	Rating	Units
LED Junction Temperature	T <sub>J</sub>	125	°C
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
ESD Sensitivity	V <sub>B</sub>	1000	V

## Accessories

ZPS-2435 24V, 35 Watt Power Supply  
 ZPS-2460 24V, 60 Watt Power Supply  
 ZDM-01 PWM LED Dimmer

Note: ZPS-2435 and ZPS-2460 require  
 use of wire nuts for connections.

## 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)
ZFS-84000-CW	Cool White	480	24	34.56	1440	120°	6000	2200
ZFS-84000-NW	Neutral White	480	24	34.56	1440	120°	4100	2070
ZFS-84000-WW	Warm White	480	24	34.56	1440	120°	3050	1940

## Note

Please refer to JKL Application Sheet JKL-AS-ZFS-LED FLEX  
 for Installation and Power Recommendations.



### ATTENTION

OBSERVE PRECAUTION FOR  
 HANDLING ELECTROSTATIC  
 DISCHARGE SENSITIVE DEVICES

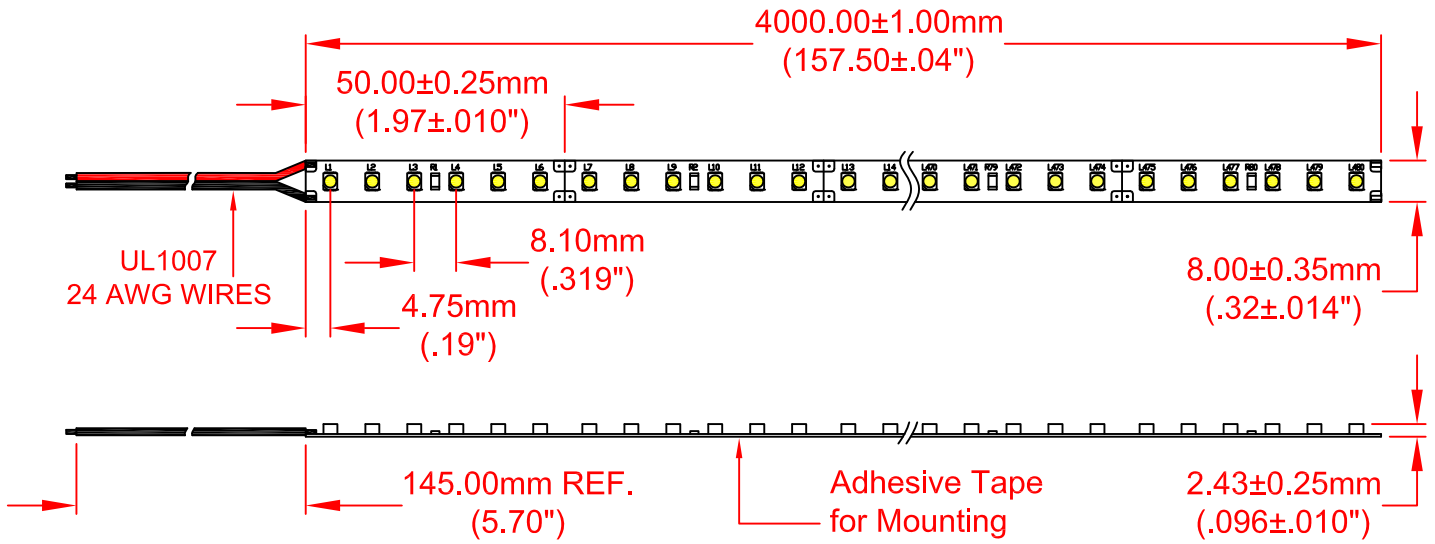
I	DELETE MATING COMPONENTS	1/6/14
H	CHANGE LUMEN FLUX NO'S	10/29/12
G	ADD ACCESSORIES & NOTES	8/22/11
F	ADD WIRE TYPE AND SIZE	6/27/11
E	NEW LAYOUT & PHOTO	5/24/11
D	CHNG TO ZPS-2435 POWER SUPPLY & PHOTO	4/15/11
C	CORRECT LINE DRAWING	4/5/11
B	CORRECT DIM LINE ON LED HT.	3/29/11
A	WIRE DIMS TO REF. & ADDED TO FEATURES	11/10/10
	RELEASED AND CANCEL PL-0903-07	11/10/10
REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE

METRIC		DIMENSIONS ARE IN mm (INCHES)	
		TOLERANCE UNLESS OTHERWISE SPECIFIED	
THIRD ANGLE PROJECTION		1 PL +/- REF.	2 PL +/- REF.
DRAWN BY	APPV'D BY	DATE	
L. WENGSTROM	L.R.	1/6/14	
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			

<b>JKL</b> COMPONENTS CORPORATION					
TITLE HIGH DENSITY LED FLEX RIBBON, 24V					
SIZE	FSCM NO.	DRAWING NO.	ZFS-84000 MULTI		
A	55335				
SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET	
NONE	11/10/10	1/6/14	I	1 OF 2	

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## Dimensions



## Circuit Diagram

