

HIGH DENSITY LED FLEX RIBBON

Features

VOLTAGE: 24V DC
 CURRENT: 2000 mA
 LED VIEWING ANGLE (2 θ 1/2): 120°

STANDARD PACKAGING:
 5 meter reel (600 LEDs)

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_J	125	°C
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
ESD Sensitivity	V_B	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 LEDs	Input Voltage (V DC)	Power (W)	Current (mA)	Radiance Angle	CCT (K)	Lumen Flux (lm)
ZFS-84000-CW	Cool White	600	24	48	2000	120°	6000	2750
ZFS-84000-NW	Neutral White	600	24	48	2000	120°	4100	2587
ZFS-84000-WW	Warm White	600	24	48	2000	120°	3050	2425

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

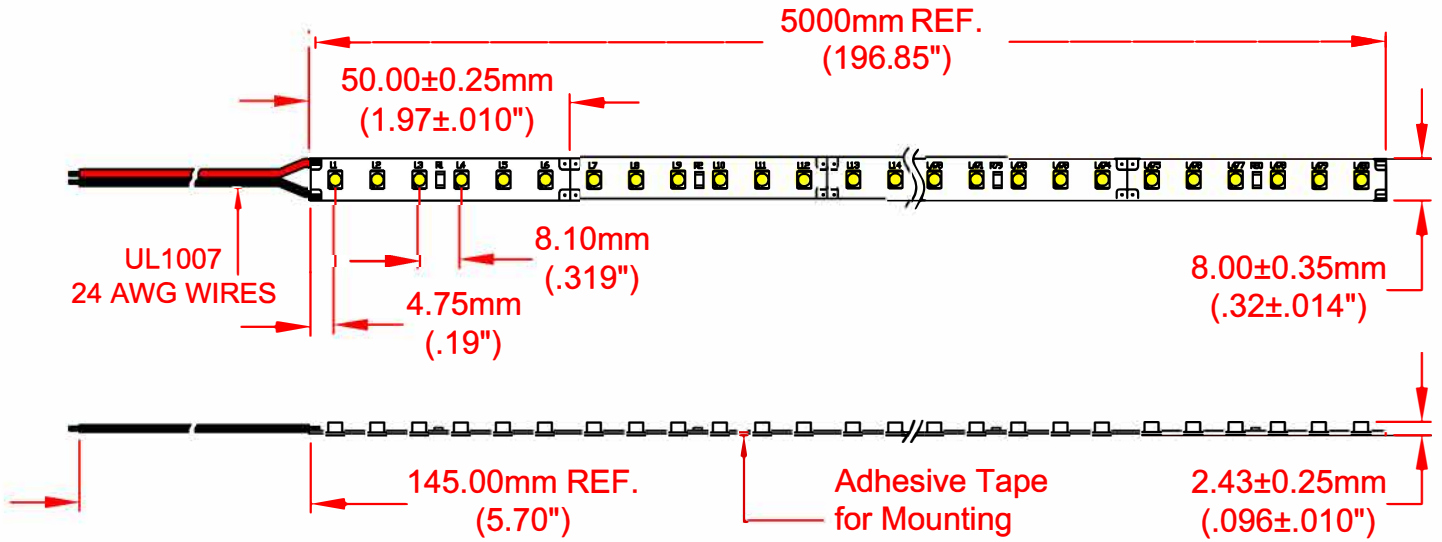
J	CHANGE TO 5 METER REEL	4/2/25
I	DELETE MATING COMPONENTS	1/6/14
H	CHANGE LUMEN FLUX NO'S	10/29/12
G	ADD ACCESSORIES & NOTES	8/22/11
F	ADD WIRE TYPE AND SIZE	6/27/11
E	NEW LAYOUT & PHOTO	5/24/11
D	CHNG TO ZPS-2435 POWER SUPPLY & PHOTO	4/15/11
C	CORRECT LINE DRAWING	4/5/11
B	CORRECT DIM LINE ON LED HT.	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	S.N.	4/2/25	
- CAD DRAWING -			
MANUAL REVISIONS NOT PERMITTED			

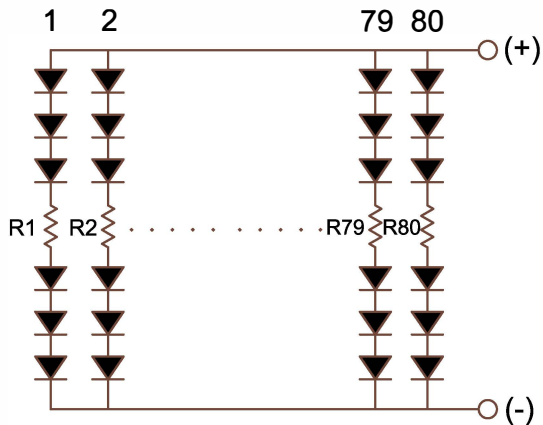
JKL COMPONENTS CORPORATION					
TITLE HIGH DENSITY LED FLEX RIBBON, 24V					
SIZE	FSCM NO.	DRAWING NO.	ZFS-84000 MULTI		
A	55335				
SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET	
NONE	11/10/10	4/2/25	J	1 OF 2	

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Dimensions



Circuit Diagram



JKL COMPONENTS CORPORATION

DRAWING NO. ZFS-84000 MULTI

RELEASED DATE 11/10/10

REVISION DATE 4/2/25

REV NO J

SHEET 2 OF 2