

# HIGH DENSITY BLUE LED FLEX RIBBON

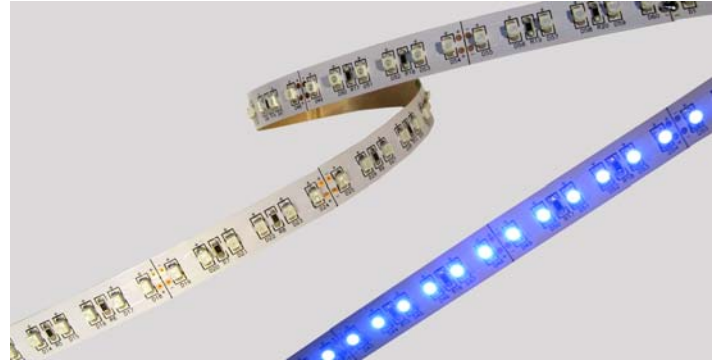
## Features

VOLTAGE: 24V DC  
 CURRENT: 2.0 Amps  
 LED VIEWING ANGLE (2 θ 1/2): 120°

STANDARD PACKAGING:  
 5 METER REEL (600 LED'S)

OPTIONAL PACKAGING:  
 INDIVIDUAL 500mm Sections (60 LED's)  
 Order as ZFS-125000HD-XX/SEC

NOTE: Individual sections ARE NOT supplied with insulated wire connection.



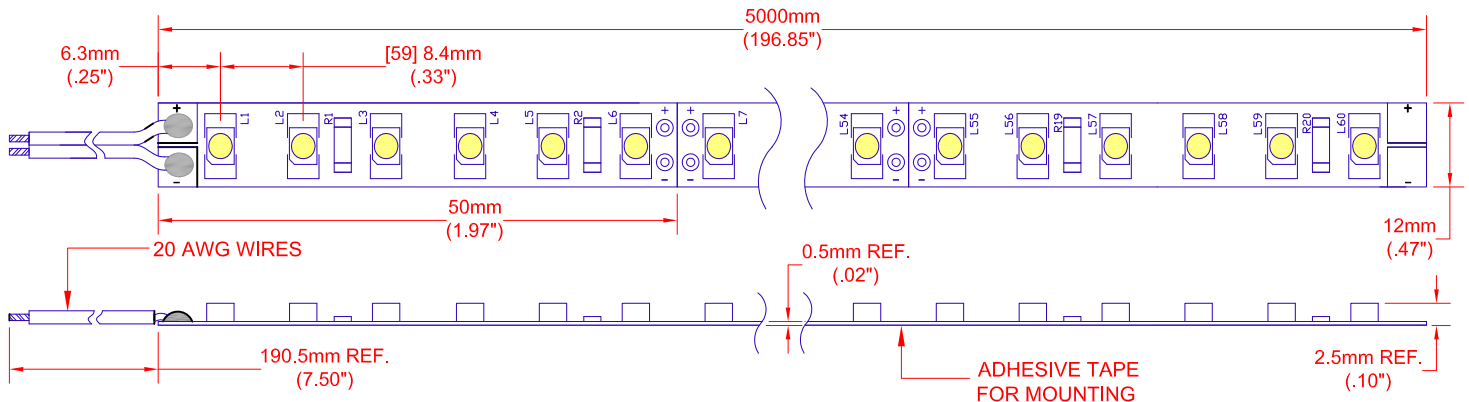
## Maximum Ratings

| Parameter               | Symbol | Rating  | Units |
|-------------------------|--------|---------|-------|
| Forward Current         | IF     | 2       | A     |
| Power Dissipation       | PD     | 48      | W     |
| Electrostatic Discharge | ESD    | 800     | V     |
| Operating Temperature   | Topr   | -25~+60 | °C    |
| Storage Temperature     | Tstg   | -40~+80 | °C    |

## 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.

## Dimensions



## Electro-Optical Characteristics (Ta = 25°C)

| JKL Part Number | Color | Number of LED'S | Input Voltage (V DC) | Power (W) | Current (A) | Radiance Angle | CCT (K) | Lumen Flux (lm) |
|-----------------|-------|-----------------|----------------------|-----------|-------------|----------------|---------|-----------------|
| ZFS-125000HD-B  | BLUE  | 600             | 24                   | 48.0      | 2.0         | 120°           | 460 nm  | 1820            |

## 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

|                               |                             |             |                                                                                                                                                           |           |                                                                                                     |       |               |               |                |        |
|-------------------------------|-----------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------|-------|---------------|---------------|----------------|--------|
| <p>THIRD ANGLE PROJECTION</p> |                             |             | <p>METRIC</p> <p>DIMENSIONS ARE IN mm (INCHES)</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- REF.</p> <p>2 PL +/- REF.</p> <p>ANGLE +/-</p> |           | <p><b>JKL COMPONENTS CORPORATION</b></p> <p>TITLE</p> <p>24V HIGH DENSITY BLUE LED FLEX RIBBON,</p> |       |               |               |                |        |
| A                             | CHANGE LINE DRAW. & PHOTO   | 7/23/13     | DRAWN BY                                                                                                                                                  | APP'VD BY | DATE                                                                                                | SIZE  | FSCM NO.      | DRAWING NO.   | ZFS-125000HD-B |        |
|                               | RELEASE & CANCEL PL-1304-01 | 4/23/13     | L. WENGSTROM                                                                                                                                              | L.R.      | 7/23/13                                                                                             | A     | 55335         |               |                |        |
| REV. NO.                      | DESCRIPTION/ECO NUMBER      | APP'VD DATE | - CAD DRAWING -<br>MANUAL REVISIONS NOT PERMITTED                                                                                                         |           |                                                                                                     | SCALE | RELEASED DATE | REVISION DATE | REV. NO.       | SHEET  |
|                               |                             |             |                                                                                                                                                           |           |                                                                                                     | NONE  | 5/23/11       | 7/23/13       | A              | 1 OF 1 |