

### LED 50,000 Hour Dimmable Light Strip for Dry Location 290 Lumens per Foot - 3.9 Watts per Foot - CRI 90+

|         |      |                |
|---------|------|----------------|
| PROJECT | TYPE | CATALOG NUMBER |
|---------|------|----------------|

**Fixture Description:** The DLED 5100 is a continuous line of dimmable LED's soldered to a rigid PC board that boasts an awesome 90+ CRI. They have been designed to give a long consistent color over the 50,000 hr. lamp life, because of good thermal management of the SMD's and quality phosphors used in production. This LED light source provides a soft even glow at a huge energy savings over incandescent or halogen. The 50,000 hr. lamp life greatly reduces maintenance.

**Construction:** 28 LED diodes per foot soldered to a rigid PC board with jumper wire and feed wire pre-wired and attached. Two strips are connected by a 1" flex wire joiner.

**Electrical:** 24 Volt DC. 3.9 Watts per foot. 290 lumens per foot. CRI 90+. Dimmable.

**IMPORTANT:** LED strips are to be fed from UL Listed Class II LTF Driver or Lutron Constant Voltage Drivers.

**Mounting:** Mounts into coves or other surfaces with screws and/or double stick tape.

**Applications:**

- Coves • Light Pockets • Accent Lighting
- Cabinet Lighting • Reveal Molding

**Warranty:** 5 years or 50,000 hours. See ambient temperature note in table below.

**NOTE:** Dimming - must utilize a reverse phase with neutral dimmer.

Please consult our website for any updated specifications on this product:  
[www.dreamscapelighting.com](http://www.dreamscapelighting.com)

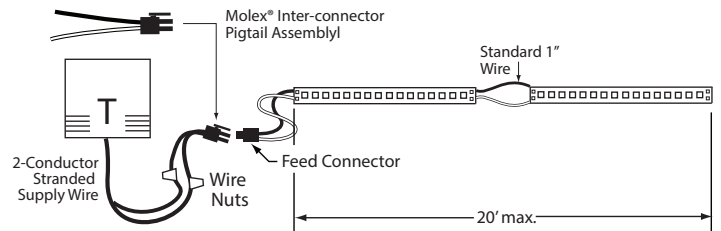
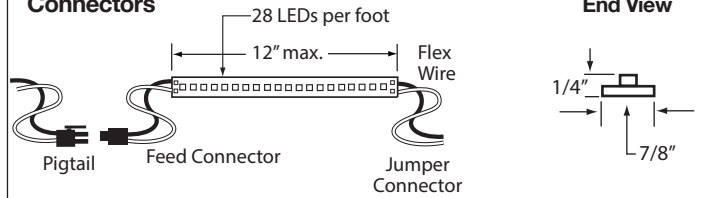
#### LED Specifications

|                       |  |
|-----------------------|--|
| Voltage               | 24V DC   |
| Watts                 | 3.9W per foot  |
| Lumens per Foot       | 290  |
| Color Temperature     | 3000K  |
| CRI                   | 90+  |
| Beam Spread           | 120°   |
| Maximum Run           | 20'  |
| Maximum Single Length | 12"  |
| Mounting              | Screw or double stick tape   |
| Warranty              | 5 years / 50,000 hours (in an environment that reaches no higher than 60°C / 140°F)<br>NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures. |

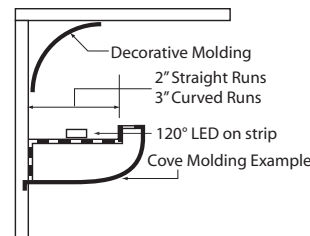
#### Secondary Wire Spec

|                  |  |
|------------------|--|
| Maximum Load     | 96W  |
| Maximum Distance | 50 feet  |
| Wire             | 14AWG 2/C Type CM-CL2<br>ETL-CM CL3<br>Standard copper conductor |

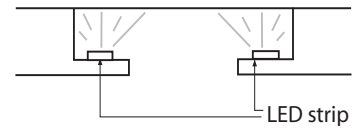
#### Connectors



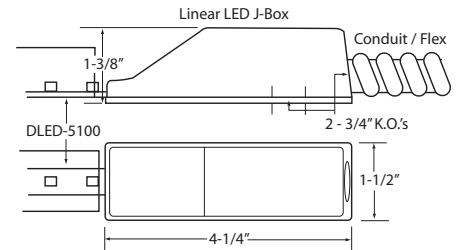
#### Cove Example



#### Light Pocket Example



#### DL-CFB-5100 Conduit Feed Box



| Model Number                                    | LED Length   | Feed Wire Length (F) | Power Supply    | Jumper Wire Length (J) | Pigtail Length (P)        | Color Temp. |
|---|--|----------------------|-----------------|------------------------|---------------------------|-------------|
| DLED-5100DC                                     | 3", 6", 9", 12", 15", 18", 21", 24"  | 1.5", 3", 6", 12"    | DL-LTF-96DC-24V | STANDARD 1"            | 0, 3", 12", 36"<br>CUSTOM | 3000K       |
|   | 27", 30", 33", 36", 39", 42", 45", 48"<br>51", 54", 57", 60", 63", 66"<br>75", 78", 81", 84", 87", 90", 93", 96" | 18", 30", CUSTOM     | DL-LTF-60DC-24V |                        |                           |             |
| <b>See NOTE above for LED lengths above 72"</b> |  |                      |                 |                        |                           |             |

Ordering Example: **DLED-5100DC-12"-F3"-DL-LTF-96DC-24V-J1"-P3"-3000**

**NOTE:** All LED lengths 75" - 144" are made up of 2 separate units joined together by a 1" flex wire. FOR CURVILINEAR APPLICATIONS - SPECIFY .75" \*JUMPER LENGTH You can specify "0" for no jumper wire on end. \*\*PIGTAIL LENGTH: 1 pigtail per run (specify 3", 12", 36" or Custom).