

LED 50,000 Hour Dimmable Light Strip for Dry Location 260 Lumens per Foot - 3.9 Watts per Foot - CRI 82+

PROJECT

TYPE

CATALOG NUMBER

Fixture Description: The DLED 5100LS is a continuous line of dimmable LED's soldered to a series of rigid PC board segments that can be arranged to follow a curved or irregular path.. 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. A 50,000 hr. lamp life greatly reduces maintenance.

Construction: 16 LED diodes per foot soldered to a rigid PC board with jumper wire and feed wire pre-wired and attached. For lengths from 75" to 96", two strips are connected by a 1" flex wire joiner.

Electrical: 24 Volt AC. 3.9 Watts per foot. 260 lumens per foot. CRI 82+. Dimmable.

IMPORTANT: LED strips are to be fed from UL Listed Class II magnetic transformers or Lutron Constant Voltage Drivers.

Mounting: Mounts into covers 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: Dimmers used must be approved for magnetic loads and use direct current or voltage regulation, such as Lutron Diva Series. Dimmers that use phase forward dimming technology must have a neutral. Check with factory for compatibility.

Please consult our website for any updated specifications on this product:
www.dreamscapelighting.com

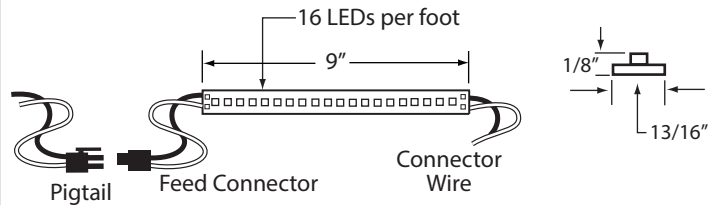
LED Specifications

Voltage	24V AC
Watts	3.9W per foot
Lumens per Foot	260
Color Temperature	2700K, 3000K, 3500K
CRI	82+
Beam Spread	120°
Maximum Run	8'
Maximum Single Length	6'
Mounting	Screw or double stick tape
Warranty	5 years / 50,000 hours (in an environment that reaches no higher than 60°C / 140°F) NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.

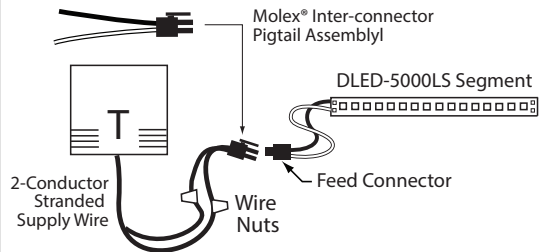
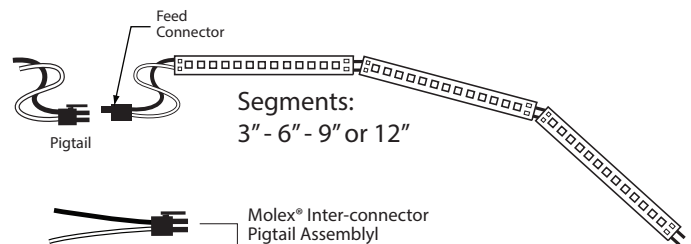
Secondary Wire Spec

Maximum Load	50W
Maximum Distance	50 feet
Wire	16AWG 2/C Type CM-CL2 ETL-CM CL3 Standard copper conductor

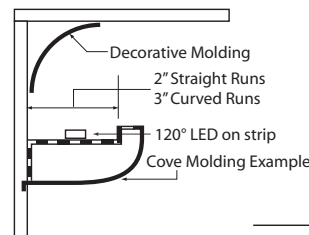
Connectors



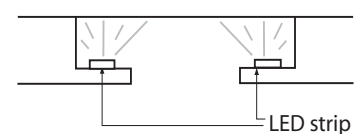
DLED-5100LS Segments Joined with 1" Flex Wire



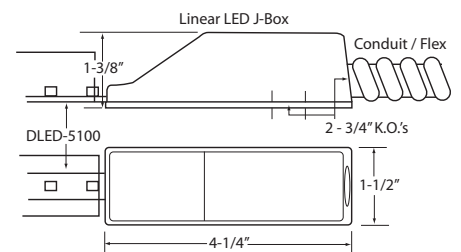
Cove Example



Light Pocket Example



DL-CFB-5100 Conduit Feed Box



Model Number	Segment Length	Quantity of Segments	Connector Wire Length Between Segments	Feed Wire Length (F)	Jumper Wire Length (J)	Color Temp.	Pigtail Length (P)
DLED-5100LS -	(9")	Enter in segment quantity not to exceed maximum run of 48"	1")	1.5", 3", 6", 12", 18", 30", CUSTOM	1.5", 3", 6", 12", 18", 30", CUSTOM	2700K 3000K 3500K	0, 3", 12", 36" CUSTOM

Ordering Example: **DLED-5100LS-(9"-5-1")-F6"-J6"-2700-P12"**