

LED 50,000 Hour Dimmable Light Channel with Sealed Enclosure 95 Lumens per Foot (for white color only) - 2.5 Watts per Foot - CRI 80

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

Fixture Description: A continuous LED dimmable light strip mounted inside a cylindrical clear or frosted acrylic channel (maximum 12 foot run per feed) that offers a warm, soft, even glow at a huge savings over incandescent, halogen or fluorescent. Runs cooler than incandescent or halogen, and contains no harmful gasses. 50,000 hour lamp life saves on maintenance and re-lamping costs.

Construction: 20 LED diodes per foot wired into rigid LED channel with jumper wire and feed wire pre-wired and attached. For lengths over 69", two strips are connected by a 1" flex wire joiner to create a single length of up to 138" max. Lens in clear (CL) or frosted (FR) acrylic.

Electrical: 24 Volt AC. 2.5 Watts per foot. 95 lumens per foot. Dimmable. **Use wet location wire nuts for all wire termination.**

Mounting: Mounts into coves or other surfaces with clips. Plastic clip supplied standard. Stainless steel clip available. Specify SSC to order.

Applications:

- Exterior Architectural Details • Toe Kicks • Benches • Outdoor cooking stations

Note: Actual length of LED will be less than tube length.

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

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.

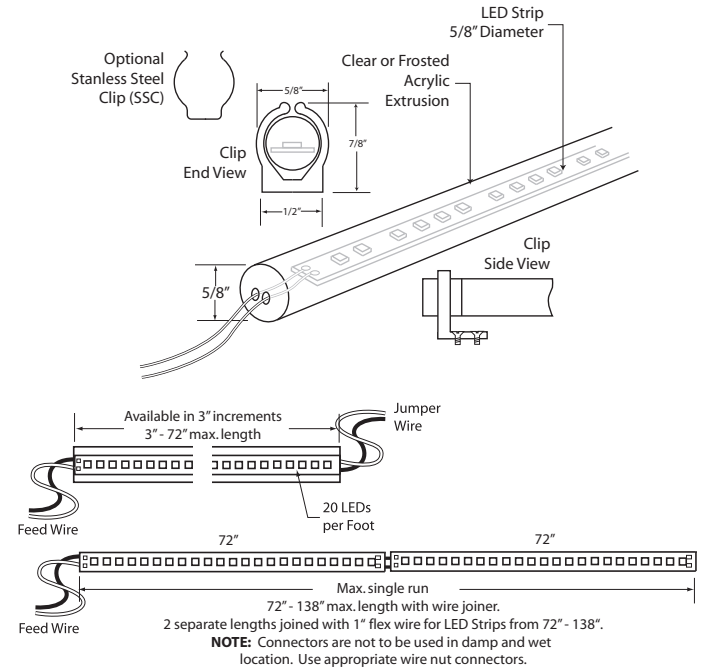
Important Design Requirements for Applications with Ambient Temperatures Exceeding 100°F: Mounting clips should be used to support LED tubes. A 1/4" free space should be provided at each end of the tube and between tubes that butt together. A 1/16" space is needed on each side of the tube. The spaces noted are to allow the tube to expand as the temperature increases. If Silicone is used to support tube, only apply Silicone to top center area, approximately 1/3 of tube. Leave ends of tube free to move a minimum of 1/4" forward and back.

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

LED Specifications

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|-----------------------|--|
| Voltage | 24V AC |
| Watts | 2.5W per foot |
| Lumens per Foot | 95 |
| Color Temperature | 2700K, 3000K, 6500K, Blue, Red, Green, Yellow |
| CRI | 80 |
| Beam Spread | 120° |
| Maximum Run | 12' |
| Maximum Single Length | 6' |
| Mounting | Clips |
| Warranty | 3 years / 35,000 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. |

HOW TO CREATE OR VERIFY AN OPTIMAL M.O.L. (Maximum Overall Length). 1. Measure area for finish dimensions. 2. Reduce finish dimension to nearest length divisible by 3. 3. Add 1-1/4" per 6' length to new finish dimension. 4. This is the optimal dimension for the wet location product.



HOW TO MAKE AN OPTIMAL M.O.L.* CALCULATION

Finish area measurement
(make sure it is divisible by 3). If not,
decrease until it is.

$$+ \frac{1-1/4'' \text{ PER } 6' \text{ LENGTH}}{=} \text{OPTIMAL M.O.L.}$$

*M.O.L. is the Maximum Overall Length for the LED linear fixture that you are ordering.

Secondary Wire Spec

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

| Model Number | LED Length | Acrylic Material (CL) | Feed Wire Length (F) | Jumper Wire Length (J) | Wire Format | Color Temp. |
|--------------|---------------|------------------------------|---|---|-----------------------|--|
| DLED-5300-WL | _____ "M.O.L. | CL Clear FR Frosted | 1.5", 3", 6", 12", 18", 30", CUSTOM | None* (0), 1.5", 3", 6", 12", 18", 30" CUSTOM | EW End Wire (Std.) | 2400K 2700K 3000K 6500K Blue Red Green Yellow |

IMPORTANT NOTE:

Wet location LED is NOT INTENDED for installation in highly corrosive environments such as ocean front properties.

Fixtures need to be specified as Marine Grade Wet Location for that usage.

Ordering Example: **DLED-5300-WL-46-1/4"M.O.L.-CL-F6"-J3"-EW-2700K**

NOTE: All LED lengths 75" - 138" are made up of 2 separate units joined together by a 1" flex wire. FOR CURVILINEAR APPLICATIONS - SPECIFY .75" *JUMPER WIRE LENGTH You can specify "0" for no jumper wire on end.