

DLDT-CALIBER-MAX

High Output CCT Tape Light

The Caliber Max LED Strip Light is a versatile, field-cuttable architectural lighting solution designed for seamless integration into any space, delivering exceptional lumen output for demanding cove and accent applications.

DATE

PROJECT NOTES

IP20 / IP67

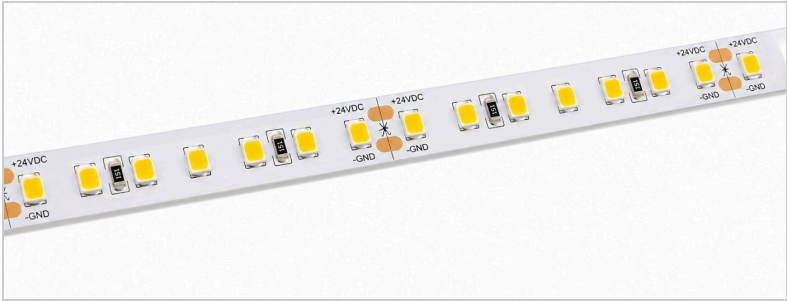
24 VDC

JA8

24V INPUT	90 CRI	120° BEAM	1175 LM/FT	8.7W PER FT	16.5 ft MAX RUN
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FEATURES

- 90+ CRI color rendering
- 120° beam angle
- Cuttable every 1.97 in.
- IP20 & IP67 wet-location options
- 8.7 W/ft power draw
- 5-Year Limited Warranty



ORDERING CODES

SERIES	CCT		IP RATING		LENGTH		CONNECTOR	
DLDT - C-M-	22	2200K	20	IP20	16	16 ft standard	BW6	Bare wire 6"
	24	2400K	67	IP67	CSTM	Custom length	BW__	Bare wire custom
	27	2700K					BRL	Barrel connector
	30	3000K					CLIPS	
	35	3500K					NONE	
	40	4000K						
	50	5000K						

GENERAL SPECIFICATIONS

Input Voltage	24VDC
CRI	90
Beam Angle	120°
Color Temperature	2200K – 5000K
Strip Width	.39"
LED Chip	2835
Cut Interval	1.97 in.
IP Rating	IP20 / IP67
Dimming	Per Driver
Mounting	In Channel / Direct
Warranty	5-Year Limited

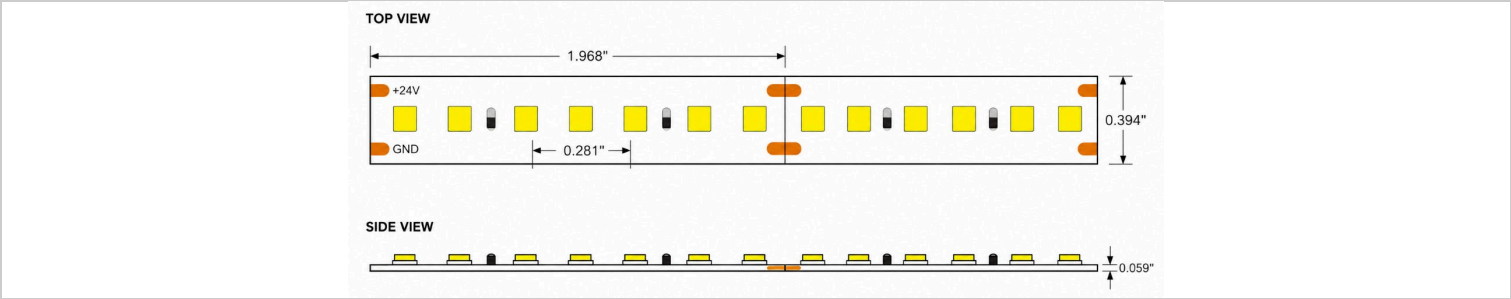
DETAILED SPECIFICATIONS

CCT	IP20 LM/FT	IP67 LM/FT
2200K	1018	914
2400K	1057	950
2700K	1116	1004
3000K	1175	1058
3500K	1234	1111
4000K	1293	1164
5000K	1316	1184

Delivered lumens per foot by color temperature and IP rating.

Wattage / Foot	8.7 W/ft
Lm / Foot	1175 lm/ft
Lm / Watt	135 lm/W
Max Run	16.5 ft

MECHANICAL DIAGRAM



TEMPERATURE RATINGS

CONDITION	MIN	MAX
Ambient Operating	-4°F	130°F
Storage	-4°F	140°F
Installation	50°F	100°F

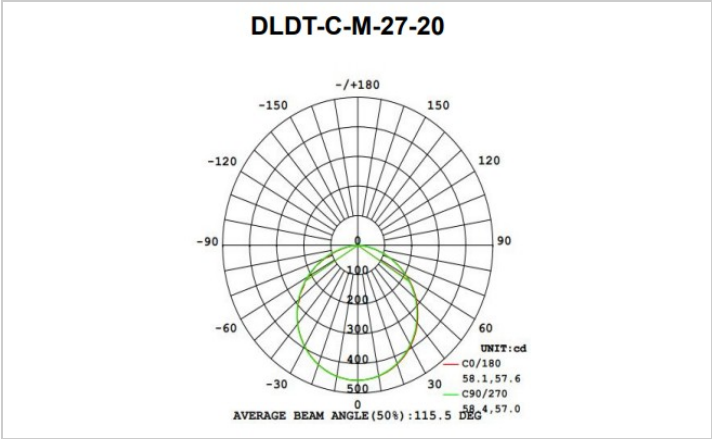
MATERIALS & CONSTRUCTION

PCB Material	Flexible FPC
Encapsulation	Silicone (IP67)
Adhesive	3M transfer tape (furnished)
Channel	Sold separately

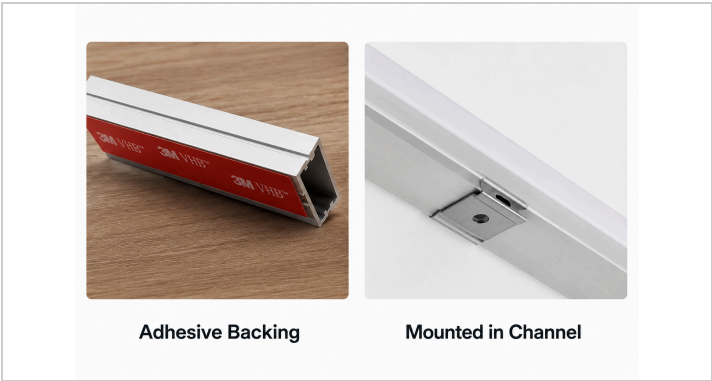
PRODUCT PHOTO



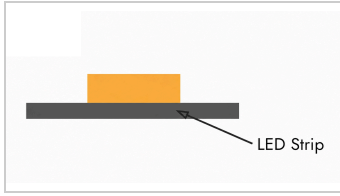
LIGHT DISTRIBUTION



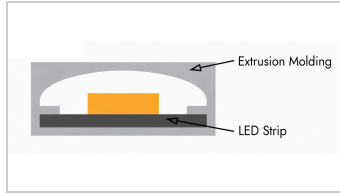
INSTALLATION DETAIL



IP RATING OPTIONS

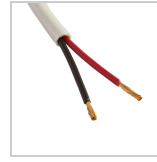


IP20
Dry / indoor

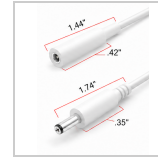


IP67
Wet location

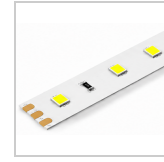
CONNECTION OPTIONS



BW6
6" leads



BRL
Barrel

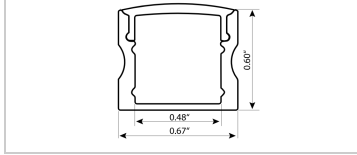


NONE
No conn.

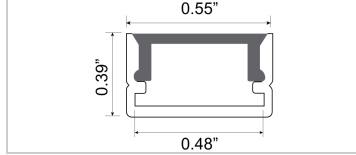


CLIPS
Field-cut

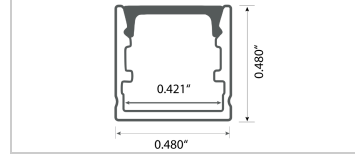
COMPATIBLE CHANNELS



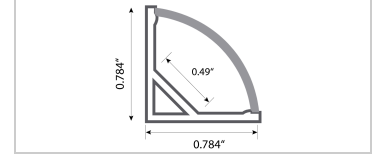
TALL SURFACE
DLDT-S-TALL



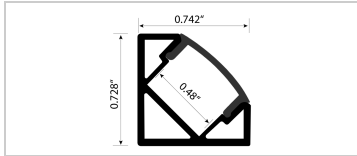
SHALLOW SURFACE
DLDT-S-SHALLOW



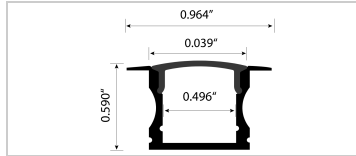
FULL SURFACE
DLDT-S-FULL



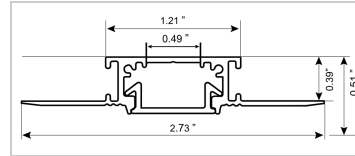
CURVE45
DLDT-S-CRV45



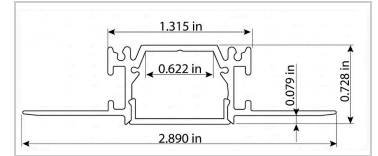
CORNER45
DLDT-S-CR45



TALL RECESSED
DLDT-R-TALL

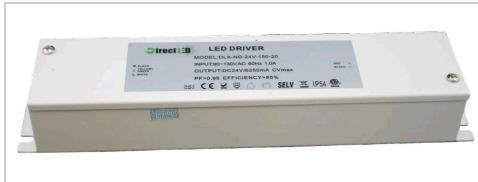


SHALLOW RECESSED
DLDT-R-SHALLOW



FULL RECESSED
DLDT-R-FULL

COMPATIBLE DRIVERS



NON-DIMMING · IP20

DLX-ND-24V-30-20	30W
DLX-ND-24V-60-20	60W
DLX-ND-24V-80-20	80W
DLX-ND-24V-150-20	150W
DLX-ND-24V-300-20	300W



UNIVERSAL DIM · IP20

DLX-5D-24V-30-20	30W
DLX-5D-24V-60-20	60W
DLX-5D-24V-96-20	96W
DLX-5D-24V-150-20	150W
DLX-5D-24V-300-20	300W



UNIVERSAL DIM · IP67

DLX-5D-24V-30-67	30W
DLX-5D-24V-60-67	60W
DLX-5D-24V-96-67	96W
DLX-5D-24V-150-67	150W
DLX-5D-24V-300-67	300W

SAFETY & COMPLIANCE

- **UL Listed 2108** — Low Voltage Lighting System / Luminaire. UL 1598 / CSA 250.0-08, UL 8750, UL 879 / CAN/CSA-C22.2 no. 207-M89. Certified for US and Canada.
- **UL Listed Field Cuttable.**
- **CE & EMC Compliant** — Verification No. on file.
- Approved for storage areas of clothes closets per NEC 410.16.A.1,3 and 410.16.C.1,3,5.

PERFORMANCE STANDARDS

- Complies with TITLE 24 Part 6 High Efficacy LED requirements — JA8-2016-2022-E.
- LED chip data measured per **IES LM-80-08**.
- Photometric & colorimetry data measured per **IES LM-79-08**.

WARNINGS & DISCLOSURES

- 1 Install per national and local electrical code regulations.
- 2 To be installed and serviced by a qualified, licensed electrician.
- 3 Use only copper wiring rated for at least 176°F (80°C), certified for external connection of electrical equipment.
- 4 Each maximum run requires a dedicated power feed. Do not exceed recommended maximum run length.
- 5 Tape light and leads are not rated for in-wall installation unless otherwise noted.
- 6 Inadequate wire installation could overheat wires and cause fire.
- 7 Do not expose LED chips to direct sunlight; phosphor damage will occur.
- 8 Do not install where excessive heat exists. See ambient temperature ratings.
- 9 Do not install indoor models in wet locations. Only wet-location models are rated for outdoor use.
- 10 Do not modify beyond instructions or warranty is void.
- 11 Handle with care; excessive bending or pressure may damage the product.
- 12 Actual color may vary from images due to photographic limitations.
- 13 We reserve the right to modify designs without prior notice.