

DLDT-FLEX-TOP

Flexible CCT Tape Light

The Flex Top series is the ideal solution in spaces where the light will be in direct view. Flex Lights can be easily molded into different curvatures. The enclosure and lens deliver a perfect monochromatic light source without hotspots.

DATE _____

PROJECT NOTES _____



IP20 / IP67



24 VDC



JA8

24V

INPUT

90

CRI

160°

BEAM

416

LM/FT

4.4W

PER FT

30 ft

MAX RUN

FEATURES

- 90+ CRI color rendering
- 160° beam angle
- Cuttable every 2.16 in.
- IP20 & IP67 wet-location options
- 4.4 W/ft power draw
- 5-Year Limited Warranty



ORDERING CODES

SERIES	CCT		IP RATING		LENGTH		CONNECTOR	
DLDT -- FLEX-TOP	22	2200K	20	IP20	16	16 ft standard	WASIO	Wrap Around Side Out
	24	2400K	67	IP67	CSTM	Custom length	WASO	Wrap Around Straight Out
	27	2700K					WABO	Wrap Around Back Out
	30	3000K					WAEC	Wrap Around End Cap
	35	3500K					ESE	Edgeless Side Out
	40	4000K					ESO	Edgeless Straight Out
	50	5000K					EBO	Edgeless Back Out
							EEC	Edgeless End Cap

Channel ordering codes on page 2.

GENERAL SPECIFICATIONS

Input Voltage	24VDC
CRI	90
Beam Angle	160°
Color Temperature	2200K – 5000K
Strip Width	.39"
LED Chip	2835
Cut Interval	2.16 in.
IP Rating	IP20 / IP67
Dimming	Per Driver
Mounting	In Channel / Direct
Warranty	5-Year Limited

DETAILED SPECIFICATIONS

CCT	1/2" LM/FT	5/8" LM/FT
2200K	360	326
2400K	374	338
2700K	395	356
3000K	416	374
3500K	428	386
4000K	441	397
5000K	458	412

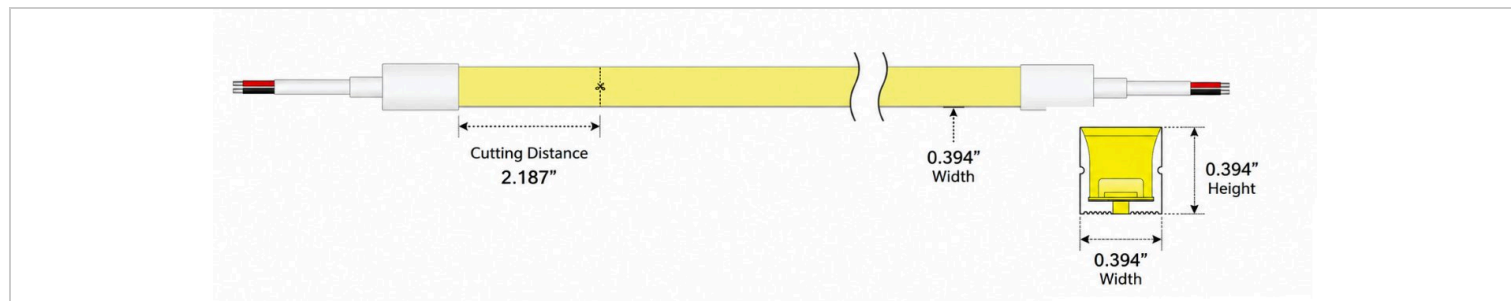
Delivered lumens per foot by color temperature and IP rating.

Wattage / Foot	4.4 W/ft
Lm / Foot	416 lm/ft
Lm / Watt	95 lm/W
Max Run	30 ft

CHANNEL ORDERING CODES

SERIES	STYLE	MOUNTING	LENGTH
DLDT	FLEX-TOP	ST Straight Channel FC Flex Channel MC Mounting Clips	16 16 Feet CSTM Custom Length

MECHANICAL DIAGRAM



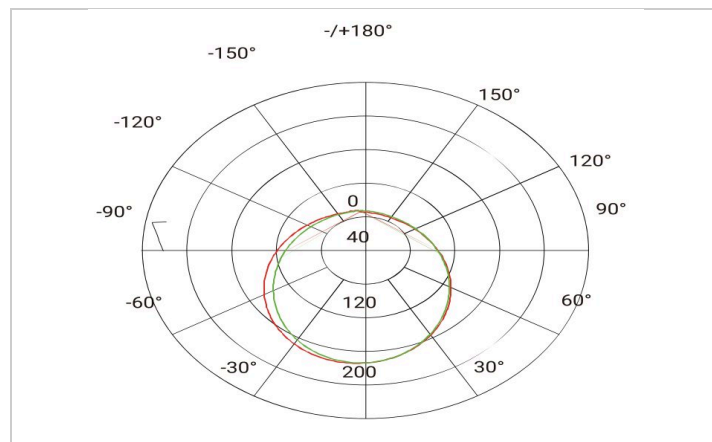
TEMPERATURE RATINGS

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

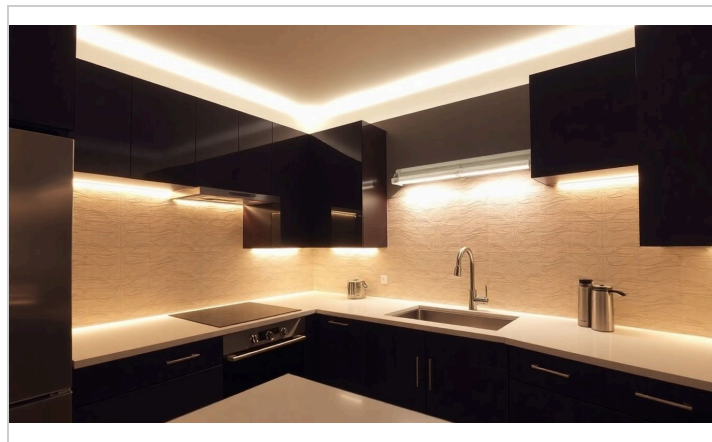
MATERIALS & CONSTRUCTION

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

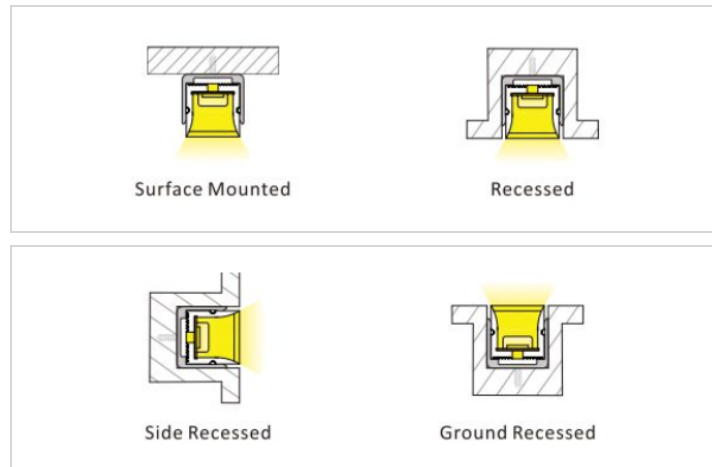
LIGHT DISTRIBUTION



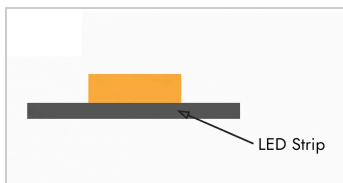
PRODUCT PHOTO



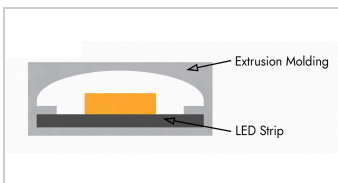
MOUNTING OPTIONS



IP RATING OPTIONS

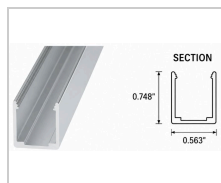


IP20
Dry / indoor

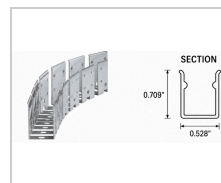


IP67
Wet location

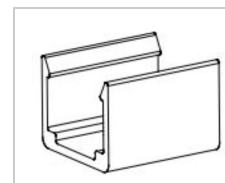
MOUNTING OPTIONS



ST
Straight Channel



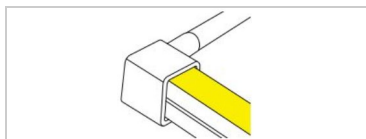
FC
Flex Channel



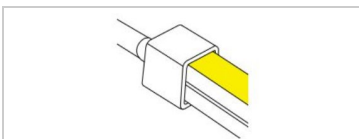
MC
Mounting Clips

CONNECTION OPTIONS

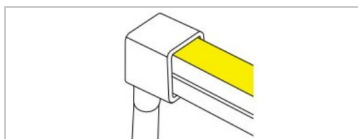
WRAP AROUND STYLE



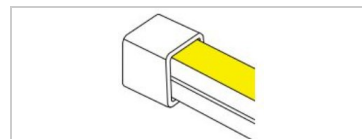
WASIO
Side Out



WASO
Straight Out

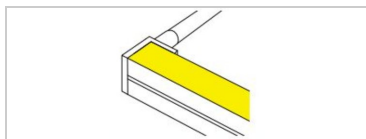


WABO
Bottom Out

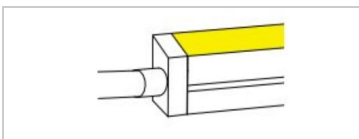


WAEC
End Cap

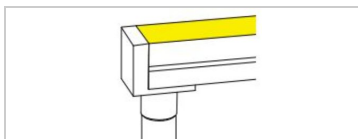
EDGELESS STYLE



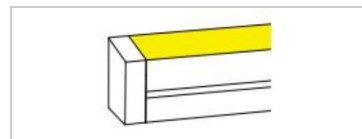
ESIO
Side Out



ESO
Straight Out



EBO
Bottom Out



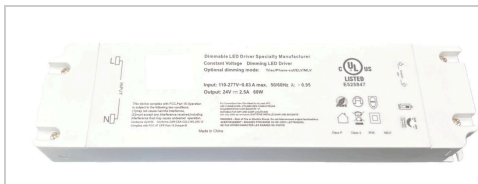
EEC
End Cap

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.