DLDT-FLEX-SIDE

Flexible CCT Tape Light

The Flex Side 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	90	160°	140	4.0W	16.4 ft
INPUT	CRI	BEAM	LM/FT	PER FT	MAX RUN

FEATURES

- 90+ CRI color rendering
- 160° beam angle
- Cuttable every 1.9 in.
- IP20 & IP67 wet-location options
- 4.0 W/ft power draw
- 5-Year Limited Warranty

ORDERING CODES

SERIES	CCT	IP RATING	LENGTH	CONNECTOR
DLDT-FLEX-SIDE-	**22** 2200K **24** 2400K **27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K	**20** IP20 **67** IP67	**16** 16 ft standard **CSTM** Custom length	**WASIO** Wrap Around Side Out **WASO** Wrap Around Straight Out **WABO** Wrap Around Back Out **WAEC** Wrap Around End Cap **ESE** Edgeless Side Out **ESO** Edgeless Straight Out **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	.47"
LED Chip	2835
Cut Interval	1.9 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	132	118
2400K	134	120
2700K	137	123
3000K	140	126
3500K	150	135
4000K	160	144
5000K	170	153

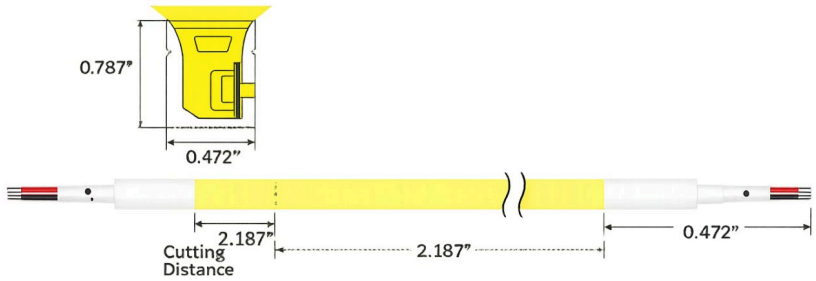
Delivered lumens per foot by color temperature and IP rating.

Wattage / Foot	4.0 W/ft
Lm / Foot	140 lm/ft
Lm / Watt	40 lm/W
Max Run	16.4 ft

CHANNEL ORDERING CODES

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

MECHANICAL DIAGRAM



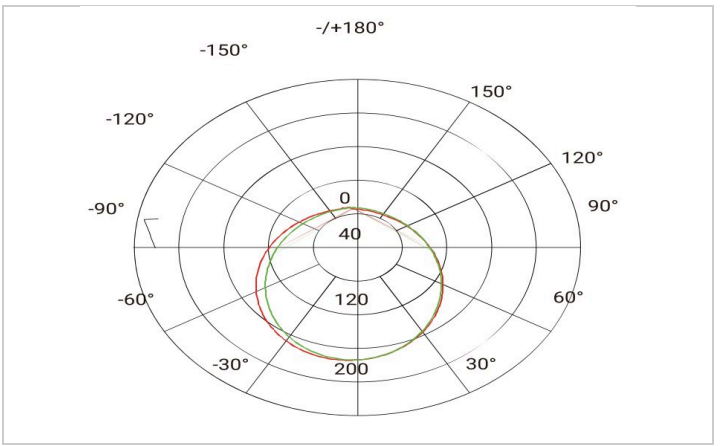
TEMPERATURE RATINGS

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

MATERIALS & CONSTRUCTION

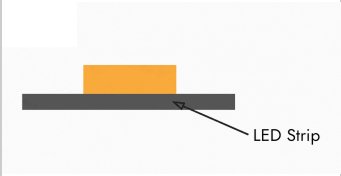
PCB Material	Flexible FPC
Encapsulation	Silicone (IP67)
Adhesive	3M transfer tape (furnished)
Channel	Sold separately

LIGHT DISTRIBUTION

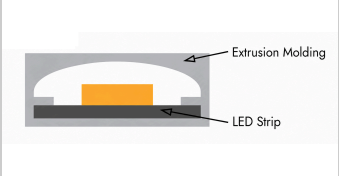


PRODUCT PHOTO

IP RATING OPTIONS

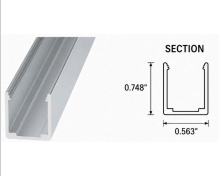


IP20
Dry / indoor

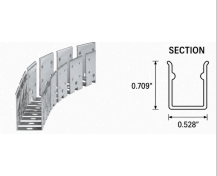


IP67
Wet location

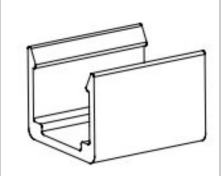
MOUNTING OPTIONS



ST
Straight Channel



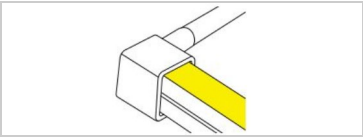
FC
Flex Channel



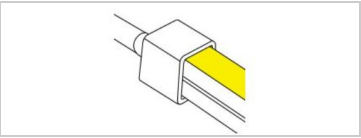
MC
Mounting Clips

CONNECTION OPTIONS

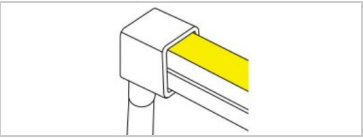
WRAP AROUND STYLE



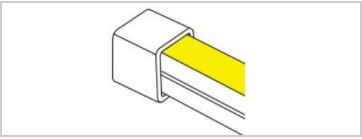
WASIO
Side Out



WASO
Straight Out

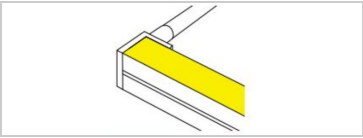


WABO
Bottom Out

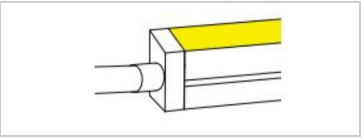


WAEC
End Cap

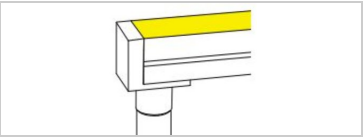
EDGELESS STYLE



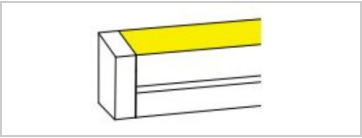
ESIO
Side Out



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.