

DLDT-DOUBLE-BRIGHT

Ultra-High Output CCT Tape Light

The Double Bright tape light is one of the brightest on the market. It combines a high lumen output with a perfectly balanced CCT to provide outstanding performance in any environment.

DATE _____

PROJECT NOTES _____



IP20 / IP67



24 VDC



JA8

24V

INPUT

90

CRI

115°

BEAM

1509

LM/FT

9.0W

PER FT

16.5 ft

MAX RUN

FEATURES

- 90+ CRI color rendering
- 115° beam angle
- Cutable every 1.3 in.
- IP20 & IP67 wet-location options
- 9.0 W/ft power draw
- 5-Year Limited Warranty



ORDERING CODES

SERIES	CCT		IP RATING		LENGTH		CONNECTOR	
DLDT -DB	22	2200K	20	IP20	16.5	16.5 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	115°
Color Temperature	2200K – 5000K
Strip Width	.47"
LED Chip	2835
Cut Interval	1.3 in.
IP Rating	IP20 / IP67
Dimming	Per Driver
Mounting	In Channel / Direct
Warranty	5-Year Limited

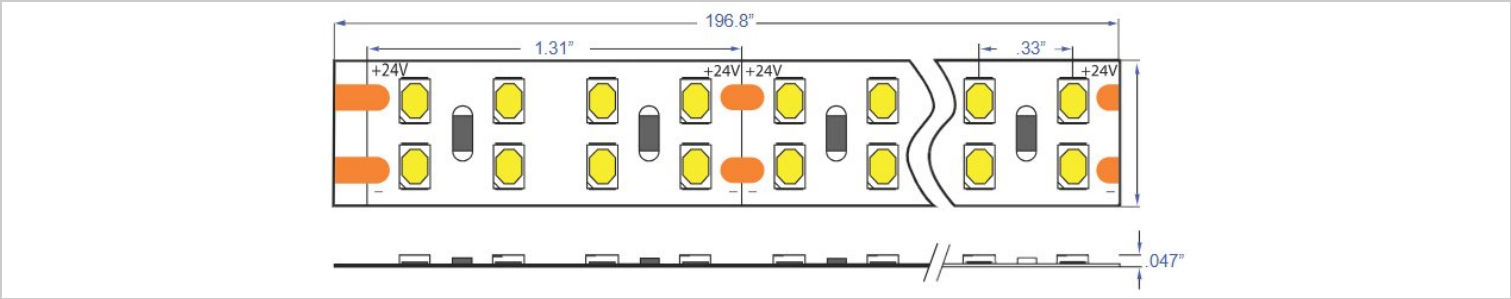
DETAILED SPECIFICATIONS

CCT	1/2" LM/FT	5/8" LM/FT
2200K	1264	1139
2400K	1325	1194
2700K	1417	1276
3000K	1509	1358
3500K	1554	1399
4000K	1600	1440
5000K	1582	1424

Delivered lumens per foot by color temperature and IP rating.

Wattage / Foot	9.0 W/ft
Lm / Foot	1509 lm/ft
Lm / Watt	167 lm/W
Max Run	16.5 ft

MECHANICAL DIAGRAM



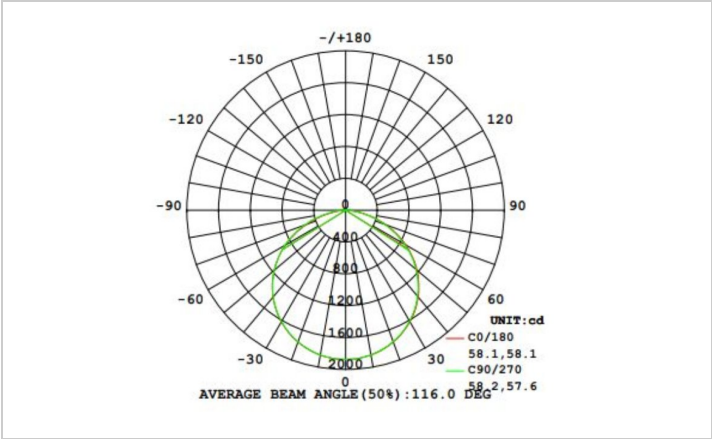
TEMPERATURE RATINGS

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

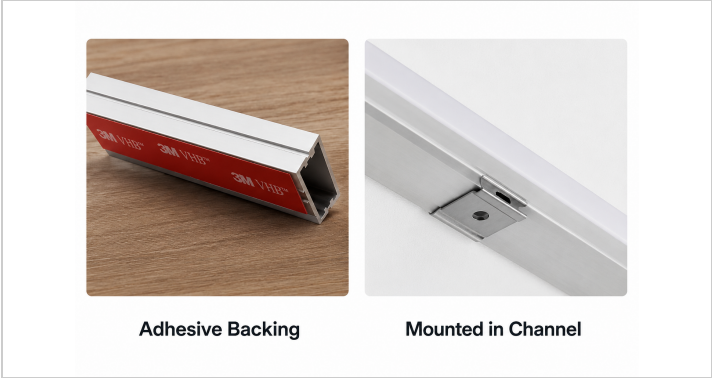
LIGHT DISTRIBUTION



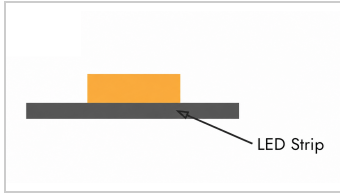
PRODUCT PHOTO



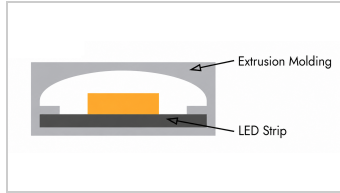
INSTALLATION DETAIL



IP RATING OPTIONS

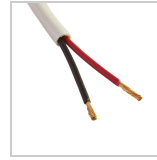


IP20
Dry / indoor

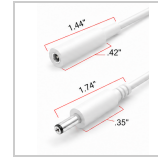


IP67
Wet location

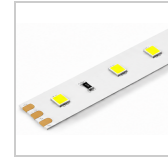
CONNECTION OPTIONS



BW6
6" leads



BRL
Barrel

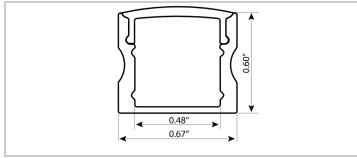


NONE
No conn.

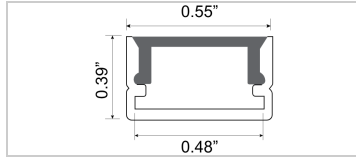


CLIPS
Field-cut

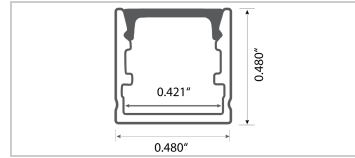
COMPATIBLE CHANNELS



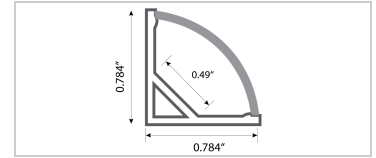
TALL SURFACE
DLDT-S-TALL



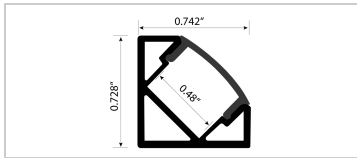
SHALLOW SURFACE
DLDT-S-SHALLOW



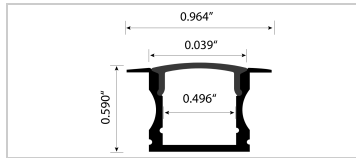
FULL SURFACE
DLDT-S-FULL



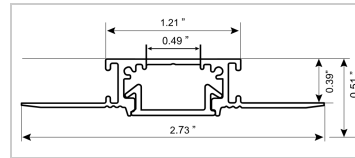
CURVE45
DLDT-S-CRV45



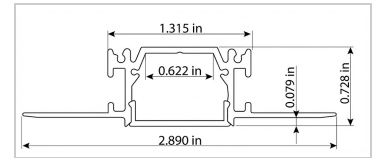
CORNER45
DLDT-S-CR45



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.