

DLDT-RGBW

RGB + White Tape Light

Perfect wherever multiple colors are needed — from accent lighting to full-power cove lighting. The RGBW tape light combines independent red, green, blue, and 3000K white channels for unlimited color-tunable performance.

DATE

PROJECT NOTES



IP20 / IP67



24 VDC



JA8

24V

INPUT

90

CRI

115°

BEAM

103

LM/FT

6.0W

PER FT

15 ft

MAX RUN

FEATURES

- 90+ CRI color rendering
- 115° beam angle
- Cutable every 1.97 in.
- IP20 & IP67 wet-location options
- up to 6.0 W/ft power draw
- 5-Year Limited Warranty



ORDERING CODES

SERIES	COLOR	IP RATING	LENGTH	CONNECTOR
DLDT -RGBW	RGBW RGB + 3000K White	20 IP20	16 16 ft standard	BW6 Bare wire 6"
		67 IP67	CSTM Custom length	BW__ Bare wire custom
				BRL Barrel connector
				CLIPS
				NONE

GENERAL SPECIFICATIONS

Input Voltage	24VDC
CRI	90
Beam Angle	115°
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

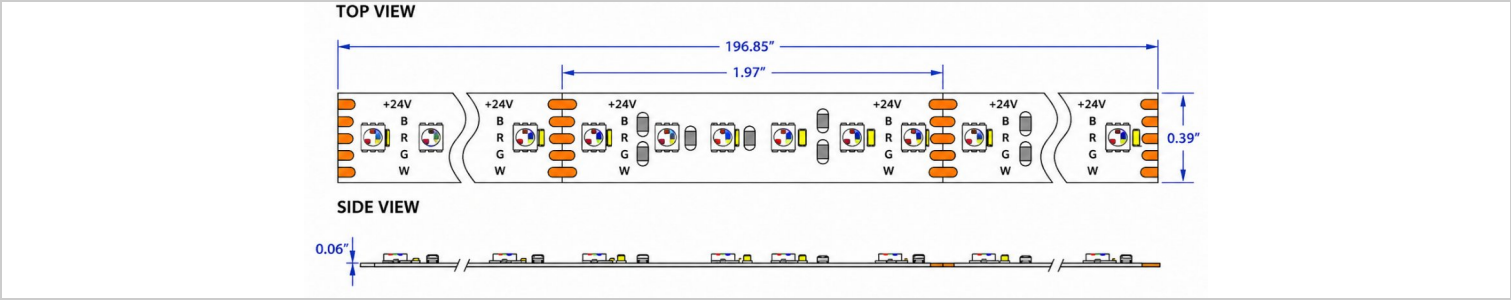
DETAILED SPECIFICATIONS

CHANNEL	IP20 LM/FT	IP67 LM/FT
RED	30	27
GREEN	106	95
BLUE	21	19
3000K W	103	93

Delivered lumens per foot by channel and IP rating.

Wattage / Foot	up to 6.0 W/ft
Lm / Foot	103 lm/ft
Lm / Watt	12.5 lm/W
Max Run	15 ft

MECHANICAL DIAGRAM



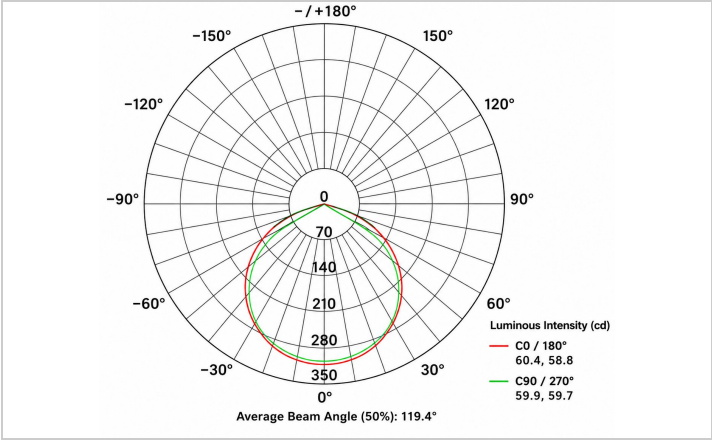
TEMPERATURE RATINGS

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

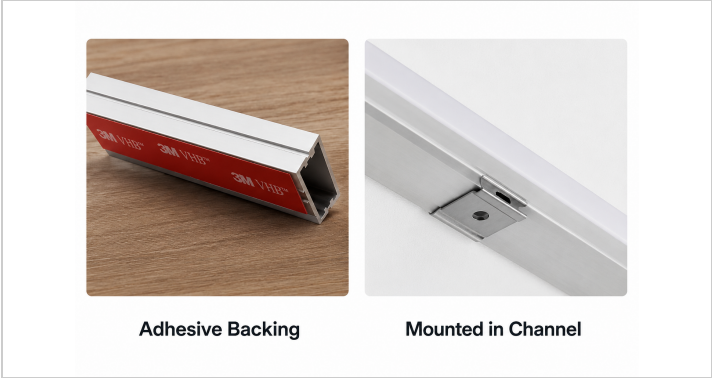
LIGHT DISTRIBUTION



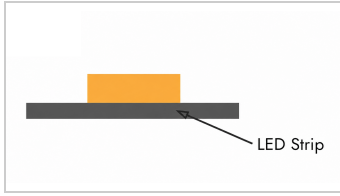
PRODUCT PHOTO



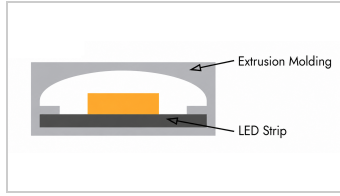
INSTALLATION DETAIL



IP RATING OPTIONS

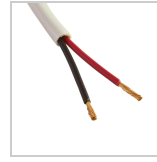


IP20
Dry / indoor

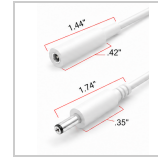


IP67
Wet location

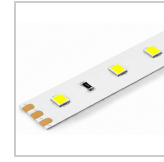
CONNECTION OPTIONS



BW6
6" leads



BRL
Barrel

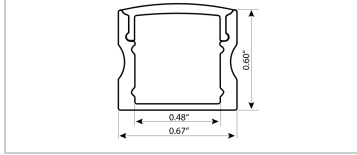


NONE
No conn.

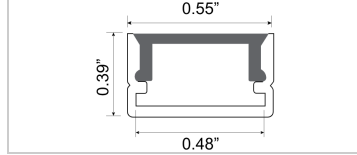


CLIPS
Field-cut

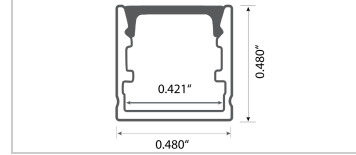
COMPATIBLE CHANNELS



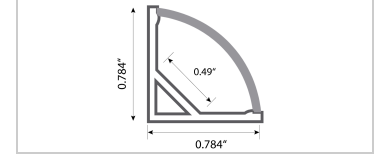
TALL SURFACE
DLDT-S-TALL



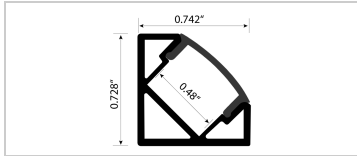
SHALLOW SURFACE
DLDT-S-SHALLOW



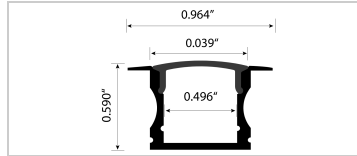
FULL SURFACE
DLDT-S-FULL



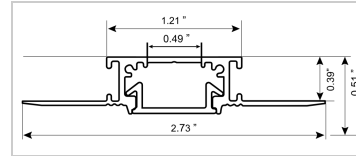
CURVE45
DLDT-S-CRV45



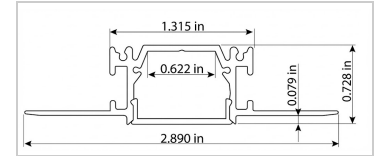
CORNER45
DLDT-S-CR45



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.