

DLDT-LINE-RGB

Line Voltage RGB Tape Light

The Line RGB LED Strip Light delivers saturated color and mixed-white output from a single 120V run. Double PVC encapsulation and clip mounting make it suited to cove, perimeter, and accent applications where continuous color control is required.

DATE

PROJECT NOTES



IP65



120V



CE / RoHS / ETL

120V

INPUT

80

CRI

18

LEDS / FT

54.9

LM/FT

2.28W

PER FT

164ft

MAX RUN

FEATURES

- 80+ CRI color rendering
- SMD 5050 RGB — 60 LEDs / meter
- IP65 rated — double PVC encapsulation
- 2.28 W/ft in mixed-white mode
- Not field-cuttable
- 2-Year Warranty



ORDERING CODES

SERIES	COLOR	IP RATING	LENGTH	CONNECTOR
DLDT - LINE-RGB-	RGB Red / Green / Blue	65 IP65	16 16 ft standard CSTM Custom length	BW6 Bare wire 6" BW__ Bare wire custom PL Plug connector NONE

GENERAL SPECIFICATIONS

Input Voltage	120VAC
CRI	80
LED Chip	SMD 5050 RGB
LED Density	60 / meter (18 / ft)
Dimensions	.63" W × .30" H
Field Cuttable	No
IP Rating	IP65
Control	RGB controller
Mounting	Mounting clips / direct
Rated Life	30,000 hrs
Warranty	2-Year

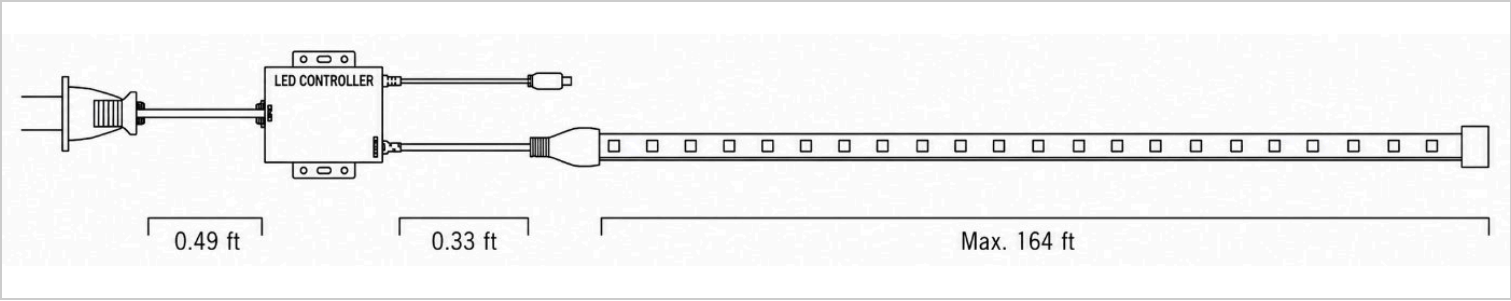
DETAILED SPECIFICATIONS

MODE	W/FT	LM/FT	LM/W
Red	0.80	12.8	16
Green	0.91	39.9	44
Blue	0.80	5.5	6.8
Mixed White	2.28	54.9	24

Mixed white is produced by blending the red, green, and blue channels; there is no dedicated white LED. Photometric and power values ±10%.

Max Run	164 ft
Package Length	164 ft

MECHANICAL DIAGRAM



TEMPERATURE RATINGS

CONDITION	MIN	MAX
Working	-4°F	104°F
Storage	-4°F	113°F

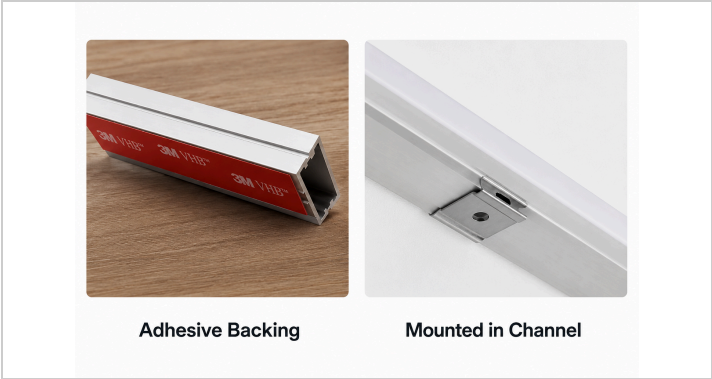
MATERIALS & CONSTRUCTION

PCB	10 mm, 1 oz
Encapsulation	Double PVC (IP65)
Mounting	Mounting clips (furnished)
Channel	Sold separately

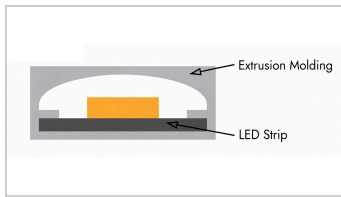
PRODUCT PHOTO



INSTALLATION DETAIL

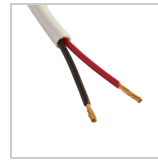


IP RATING

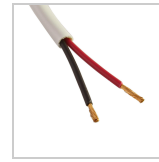


IP65
Damp location

CONNECTION OPTIONS



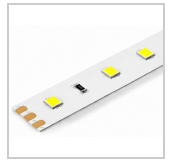
BW6
6" leads



BW
Custom leads

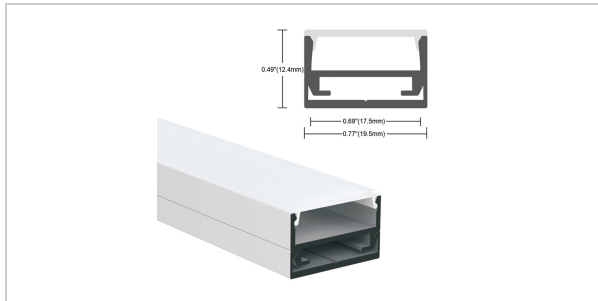


PL
Plug



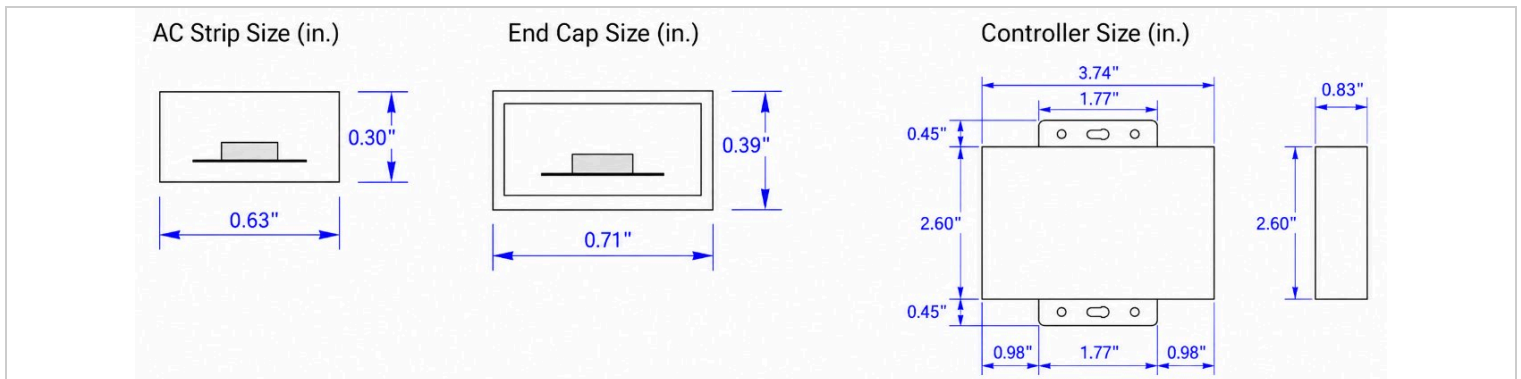
NONE
No conn.

COMPATIBLE CHANNEL



SURFACE MOUNT
DLTC-S-LINE

SIDE VIEW



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 Do not immerse in liquid.
- 13 Actual color may vary from images due to photographic limitations.
- 14 We reserve the right to modify designs without prior notice.