FlowLite

Specification Sheet

FlowLine 3.0 LED Tape Light



FlowLine 3.0 is a slim 8mm LED tape light at 3.0 W/ft, with 49 2835 SMD diodes per foot for an even line of light in narrow profiles. Made for accent, shelf, cabinet and display lighting. 90 CRI, field cuttable every 1.97".

FEATURES & APPLICATIONS

- 3.0 Watts per foot, up to 351 lumens per foot
- 49 LEDs per foot, 2835 SMD
- Industry-leading 90 CRI (Color Rendering Index)
- 8mm board fits narrow channels
- Field cuttable at every 1.97 inch
- Cove, cabinet and soffit lighting
- Shelving, showcase and display
- 3-year warranty

Performance

Color Temp	2700K	3000K	3500K	4000K	5000K
Watts/FT	3.0	3.0	3.0	3.0	3.0
Lumens/FT	307	316	322	351	351
Efficacy (Lm/W)	102	105	107	117	117
CRI	90	90	90	90	90

TECHNICAL INFORMATION

- **Power Consumption Per Foot:** 3.0 Watts
- **Input Voltage:** 24V DC
- **Diodes per foot:** 49
- **CRI (Color Rendering Index):** 90
- **Diode Spacing:** 0.24 inches
- **Wiring:** 2 wires (V+, V-)
- **PCB Width:** 0.31 inches (8mm)
- **Beam Angle:** 120°
- **Field Cuttable:** Every 1.97 inch (8 chips)
- **Max Run Length:** 16.4 ft.
- **Dimmable:** Yes, with compatible driver
- **Diode Type:** 2835 SMD
- **Mounting:** 3M™ Self-Adhesive Tape
- **Operating Temperature:** -13° F to 110° F
- **Spool Lengths:** 16.4 ft.
- **Environment:** Indoor, Dry (IP20)
- **Damp Option:** IP54 version available
- **Lead Wire:** 6 in. pre-wired
- **Life:** 50,000 hours
- **Warranty:** 3 Year

ORDERING GUIDE

MODEL	CCT	ENVIRONMENT
FL-T30-24-		
	927 2700K	**DRY** (BLANK)
	930 3000K	**54** IP54 DAMP
	935 3500K	
	940 4000K	
	950 5000K	

COMPATIBLE DRIVERS



FL-DU5
UNIVERSAL 5-IN-1 DIMMABLE DRIVER



FL-DPJ
PHASE-DIMMABLE J-BOX DRIVER



FL-DMC
MICRO DRIVER + DIMMER



FL-DSM
SMART WI-FI/BT MICRO DRIVER





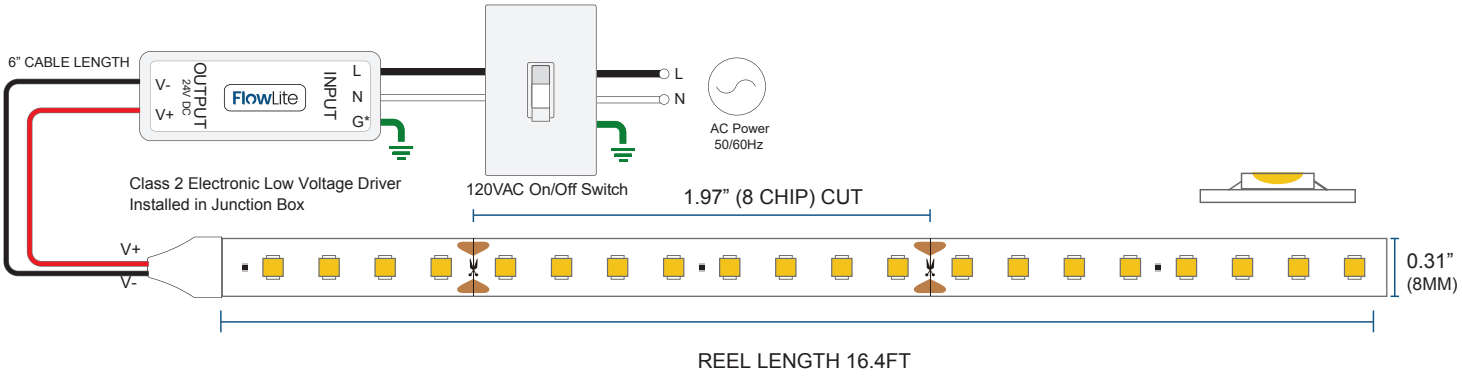






3 Yrs Warranty

DIAGRAM & DIMENSIONS



VOLTAGE DROP GUIDANCE CHART

24V Voltage Drop & Wire Length Distance Chart (3% Drop or 23.28V)

WIRE GAUGE	10 W .42 A	20 W .83 A	30 W 1.3 A	40 W 1.7 A	50 W 2.1 A	60 W 2.5 A	70 W 2.9 A	80 W 3.3 A	90 W 3.75 A	100 W 4.2 A
20 AWG	85 ft.	43 ft.	27 ft.	21 ft.	17 ft.	14 ft.	12 ft.	11 ft.	9 ft.	8 ft.
18 AWG	134 ft.	68 ft.	45 ft.	33 ft.	27 ft.	22 ft.	19 ft.	17 ft.	15 ft.	14 ft.
16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.	24 ft.	22 ft.
14 AWG	345 ft.	174 ft.	115 ft.	86 ft.	69 ft.	57 ft.	49 ft.	43 ft.	39 ft.	36 ft.
12 AWG	539 ft.	272 ft.	181 ft.	135 ft.	108 ft.	90 ft.	77 ft.	68 ft.	61 ft.	56 ft.
10 AWG	784 ft.	397 ft.	263 ft.	197 ft.	158 ft.	131 ft.	112 ft.	98 ft.	97 ft.	82 ft.

Note: These tables provide general guidelines for determining Wire Gauge based on total load and distance from LED driver to beginning of luminaire.

SAFETY, WARNINGS, AND DISCLOSURES

Install in accordance with national and local electrical code regulations.

This product to be powered with ELECTRONIC DRIVER ONLY

This product is intended to be installed and serviced by a qualified, licensed electrician.

Only use copper wiring. Use wires rated for at least 176°F 80°C and certified for use with external connection of electrical equipment.

Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.

Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.

Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.

We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.