FlowLite

Specification Sheet
FlowLine 4.4 LED Tape light



FlowLine 4.4 is a high density & efficient LED tape light featuring 72 LEDs per foot providing a smooth low-hotspot even line of linear LED light. Field cuttable at every 1.16 inch, perfect for achieving precise run lengths eliminating overlaps or gaps.

FEATURES & APPLICATIONS

- Very high output
- Lead wires at both ends of the tape light
- Applications that need higher-intensity lighting
- Industry-leading 90+ CRI (Color Rendering Index)
- Field cuttable at every 1.16 inch
- Cove, cabinet and soffit lighting
- Showcase and display
- Accent, edge, and back lighting
- 5-year warranty

Performance

Color Temp	2700K	3000K	3500K	4000K
Watts/FT	4.4	4.4	4.4	4.4
Lumens/FT	511	520	533	550
Efficacy (Lm/W)	116	118	121	125
CRI	90+	90+	90+	90+

TECHNICAL INFORMATION

- **Power Consumption Per Foot:** 4.4 Watts
- **Input Voltage:** 24V DC
- **Diodes per foot:** 72
- **CRI (Color Rendering Index):** 90+
- **Diode Spacing:** 0.17 inches
- **Tape Height:** 0.1 inches
- **PCB Width:** 0.39 inches
- **Beam Angle:** 120°
- **Field Cuttable:** Every 1.16 inch
- **Max Run Length:** 16.4 ft.
- **Dimmable:** Yes
- **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)
- **Certifications:** UL Listed,
- **Life:** 50,000 hours
- **Warranty:** 5 Year Limited

ORDERING GUIDE

MODEL	CCT	ENVIRONMENT
FL44-24-		
	927 2700K	DRY (BLANK)
	930 3000K	
	935 3500K	
	940 4000K	

AVAILABLE CONNECTORS



FL-CON-TT
TAPE TO TAPE CONNECTOR



FL-CON-TTL
TAPE TO TAPE L- CONNECTOR



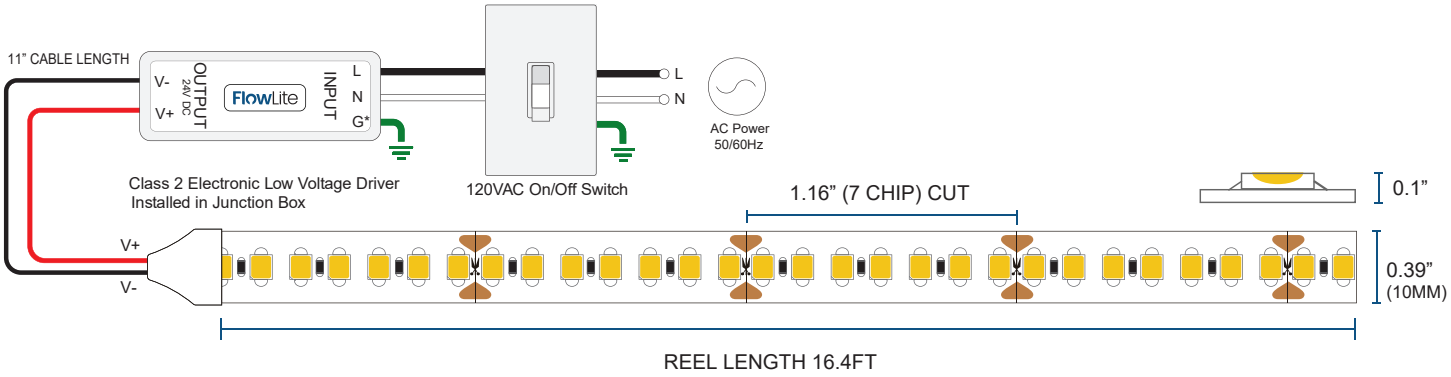
FL-CON-TTJ
TAPE TO TAPE JOINER CABLE



FL-CON-TS
SPLICE CONNECTOR

DIMMABLE · IP20 · 24V · 90+ CRI · 120° · 5 Yrs Warranty · cULus LISTED

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.