FlowLite

Specification Sheet

FlowTone COB Dim-to-Warm LED Tape Light



FlowTone COB Dim-to-Warm is a dim-to-warm chip-on-board LED tape light: a continuous, dot-free line that warms from 3000K at full output to 2200K as it dims, like incandescent. Simple 2-wire wiring, 4.0 W/ft and up to 350 lumens per foot on a 10mm board. 90 CRI, cuttable every 1.97".

FEATURES & APPLICATIONS

- Dim-to-warm, 3000K to 2200K
- Seamless, dot-free COB line of light
- Simple 2-wire wiring, no extra controller
- Industry-leading 90 CRI (Color Rendering Index)
- Field cuttable at every 1.97 inch
- Restaurants, lounges and hospitality
- Residential coves and accent lighting
- 3-year warranty

Performance

Color Temp	3000K→2200K
Watts/FT	4.0
Lumens/FT	350
Efficacy (Lm/W)	88
CRI	90

TECHNICAL INFORMATION

- **Power Consumption Per Foot:** 4 Watts
- **Input Voltage:** 24V DC
- **Light Source:** Dim-to-warm COB
- **CRI (Color Rendering Index):** 90
- **Light Line:** Continuous, dot-free
- **Wiring:** 2 wires (V+, V-)
- **PCB Width:** 0.39 inches (10mm)
- **Beam Angle:** 135°
- **Field Cuttable:** Every 1.97 inch (50mm)
- **Max Run Length:** 16.4 ft.
- **Dimmable:** Yes, dims warmer
- **Board:** 3 oz copper flexible PCB
- **Mounting:** 3M™ Self-Adhesive Tape
- **Operating Temperature:** -13° F to 110° F
- **Spool Lengths:** 16.4 ft.
- **Environment:** Indoor, Dry (IP20)
- **Heat Sink:** Aluminum channel required
- **Lead Wire:** 6 in. pre-wired
- **Life:** 50,000 hours
- **Warranty:** 3 Year

ORDERING GUIDE

MODEL	CCT	ENVIRONMENT
FL-TCOB-24-		
	DTW 3000K–2200K	**DRY** (BLANK)

COMPATIBLE DRIVERS



FL-DU5
UNIVERSAL 5-IN-1 DIMMABLE DRIVER



FL-DPJ
PHASE-DIMMABLE J-BOX DRIVER



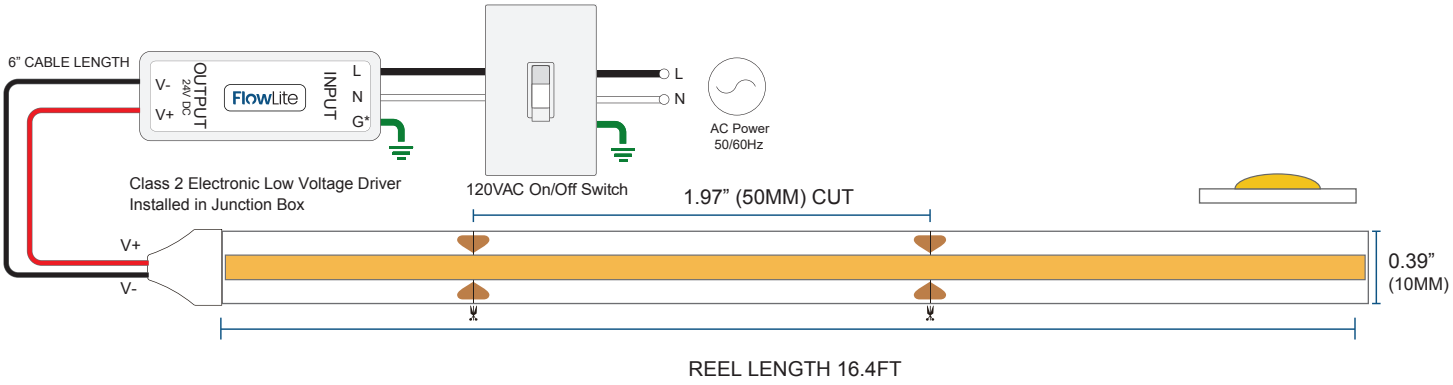
FL-DMC
MICRO DRIVER + DIMMER



FL-DSM
SMART WI-FI/BT MICRO DRIVER

DIMMABLE · IP20 · 24V · 90 CRI · 135° · 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.