FlowLite

Specification Sheet

FlowLine COB 8mm LED Tape Light



FlowLine COB 8mm is a chip-on-board LED tape light that produces a continuous, dot-free line of light on an 8mm board, even in shallow channels. Offered in two outputs: 1.5 W/ft for soft accent glow and 3.0 W/ft for brighter coves and reveals. 90 CRI, field cuttable every 1.97".

FEATURES & APPLICATIONS

- Seamless, dot-free COB line of light
- Two outputs: 1.5 W/ft and 3.0 W/ft
- Industry-leading 90 CRI (Color Rendering Index)
- 8mm board fits the smallest profiles
- Field cuttable at every 1.97 inch
- Toe-kicks, shelves, coves and reveals
- Accent, edge, and back lighting
- 3-year warranty

Performance

Color Temp		2700K	3000K	3500K	4000K	5000K
Watts/FT	1.5W	1.5	1.5	1.5	1.5	1.5
	3.0W	3.0	3.0	3.0	3.0	3.0
Lumens/FT	1.5W	136	137	148	145	154
	3.0W	270	285	300	312	312
Efficacy (Lm/W)	1.5W	91	91	99	97	103
	3.0W	90	95	100	104	104
CRI		90	90	90	90	90

TECHNICAL INFORMATION

- **Power Consumption Per Foot:** 1.5 or 3.0 Watts
- **Input Voltage:** 24V DC
- **Light Source:** Chip-on-board (COB)
- **CRI (Color Rendering Index):** 90
- **Light Line:** Continuous, dot-free
- **Wiring:** 2 wires (V+, V-)
- **PCB Width:** 0.31 inches (8mm)
- **Beam Angle:** 135°
- **Field Cuttable:** Every 1.97 inch (50mm)
- **Max Run Length:** 16.4 ft.
- **Dimmable:** Yes, with compatible driver
- **Board:** 3 oz copper flexible PCB
- **Mounting:** 3M™ Self-Adhesive Tape
- **Operating Temperature:** -13° F to 110° F
- **Spool Lengths:** 16.4 ft. (1.5W also 100 ft.)
- **Environment:** Indoor, Dry (IP20)
- **Lead Wire:** 6 in. pre-wired
- **Heat Sink:** Aluminum channel recommended
- **Life:** 50,000 hours
- **Warranty:** 3 Year

ORDERING GUIDE

MODEL	WATTAGE	CCT	ENVIRONMENT	LENGTH
FL-TCOB				
	15-24 1.5W/FT	**927** 2700K	**DRY** (BLANK)	**16.4FT** (BLANK)
	30-24 3.0W/FT	**930** 3000K		**100** 100FT *
		935 3500K		
		940 4000K		
		950 5000K		

15 = FL-TCOB15-24 (1.5 W/ft) · 30 = FL-TCOB30-24 (3.0 W/ft) · * 100FT reel: 1.5 W/ft only

COMPATIBLE DRIVERS



FL-DU5
UNIVERSAL 5-IN-1
DIMMABLE DRIVER



FL-DPJ
PHASE-DIMMABLE
J-BOX DRIVER



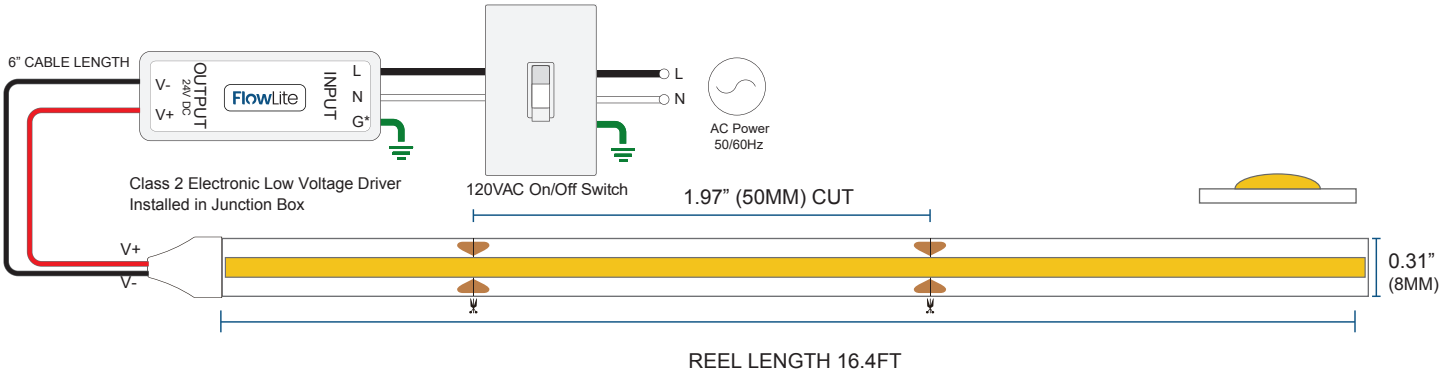
FL-DMC
MICRO DRIVER
+ DIMMER



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.