EQUITY LINE
specialtyLED

Model: _____   Date: _____

Accessories: _____

Job Name: _____   Type: _____

DESCRIPTION

The FTK Flexible Tape Kit is an economical, all-in-one solution for your indoor LED linear lighting needs. **specialtyLED** offers two lumen outputs to further help fulfill your lighting requirements - SMD3528 standard output and SMD5050 high-output. Each pack contains three different types of connectors to accommodate a wide variety of installation needs. The indoor FTK Flexible Tape Kit comes with a 3M adhesive backing on the tape light allowing for easy installation on a clean, dry surface.

APPLICATIONS

• Cove lighting
• Under cabinet
• Architectural details
• Back lighting
• Display cabinets
• Accent lighting

FEATURES

• Energy-efficient LEDs consume 2.25W/ft and 5.56W/ft

• Available in 2700, 3000 and 4000 Kelvin temperatures

• Flexible, front-to-back bending orientation

• Rated for indoor use

• Slim design allows installation in tight spaces without being visible

• Dimmable to 10% with dimming driver and magnetic dimmer (Supplied by others)

SPECIFICATIONS
LED Characteristics

• Epistar LEDs - LM-80 tested

• Rated life: 50,000 hours

• 18 LEDs per foot

Electrical

• Output Voltage: 24VDC

• Constant current drivers available for 120-277VAC; 50/60Hz input

• Dimmable to 10% with dimming driver (ordered separately) and magnetic dimmer (supplied by others)

• Operating distance: Up to 50' run on a single driver (SMD3528 only), non-dimming

• 2 Wire, single color, indoor LED flexible tape

• IP rating: IP54

• Roll length: 16.4'

• Cutting increments: 2" for SMD3528 and 4" for SMD5050

• Mounting: 3M double-sided adhesive tape (attached)

• Dimensions: 0.62" wide by 0.15" high (SMD3528) and 0.78" wide by 0.19" high (SMD5050)

• Viewing angle: 120°

Testing and Compliance

• UL Listed for indoor use

• Evaluated in accordance with the parameters outlined and reported by LM-79 (SMD3528 all colors, SMD5050 all colors)

• Operating temperature: 0°C to 30°C (32°F to 86°F)

Warranty

• Five year warranty (terms and conditions apply)

TECHNICAL INFORMATION

CCT	Voltage	SMD3528 LEDs		SMD5050 LEDs	
		Rated Power (W/ft)	Lumens (lm/ft)	Rated Power (W/ft)	Lumens (lm/ft)
2700K	24VDC	2.25	71	5.56	217
3000K	24VDC	2.25	73	5.56	220
4000K	24VDC	2.25	76	5.56	250

ULTIMATE PERFORMANCE. UNPARALLELED VALUE.

BARRON
lighting group

800.533.3948 • www.barronltg.com

Ordering Information (Example: FTK-3000-16-24V-5050)

Series	CCT[1]	Length	Voltage[2]	LED Selection
FTK	2700 = 2700K	16 = 16.4'	24V = 24 Volt DC	3528 = SMD3528, 2.25W/ft
	3000 = 3000K			5050 = SMD5050, 5.56W/ft
	4000 = 4000K			

Notes

[1] Color temperatures can vary ±5%

[2] Requires dimming or non-dimming driver, ordered separately

Accessories Included in Kit (3 each per kit)

Image	Description	Part Numbers	
		3528SMD LEDs Kit	**5050SMD LEDs Kit**
	Strip to strip connector. *Strip to strip connections for connecting lengths.*	RFX-CSS-3528	RFX-CSS-5050
	Strip to power connector 6" in length. *Strip to driver connection.*	RFX-CSP-3528	RFX-CSP-5050
	Strip to strip connector with 2" wire spacer. *For strip to strip connections where corners or bends are needed.*	RFX-CSS-3528-FLEX	RFX-CSS-5050-FLEX

Mounting Accessories (must be ordered separately)

Image	Description	Part Numbers
	Aluminum base - 48" long, 0.87" wide, 0.62" high.	RFX-AL-BASE
	Polycarbonate cap, clear - 48" long, used in conjunction with the RFX-BASE.	RFX-CAP
	Plastic end cap for the RFX-BASE and RFX-CAP accessories.	RFX-LCH-ENDCAP

Drivers Sold Separately[1] - Maximum run lengths (Install driver within 10' of the product.)

Part Number - 24V	FTK-*-24V-3528 (2.25W/Ft)	FTK-*-24V-5050 (5.56W/Ft)
XFMR-24-20	7.1'	2.87'
XFMR-24-35	12.44'	5.04'
XFMR-24-60	21.33'	8.63'
XFMR-24-150	50.00'	21.58'
XFMR-DIM-24-20[2]	7.10'	2.87'
XFMR-DIM-24-40[2]	14.22'	5.75'
XFMR-DIM-24-60[2]	21.33'	8.63'
XFMR-DIM-24-96[2]	34.13'	13.80'
XFMR-DIM-24-192[2]	2' x 34.13'	2' x 13.80'
XFMR-DIM-24-288[2]	3' x 34.13'	3' x 13.80'

Note

[1] 120VAC - 24VDC drivers, consult factory for 277VAC drivers

[2] To dim product, dimmer (supplied by others) required

ULTIMATE PERFORMANCE. UNPARALLELED VALUE.

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

10820075 Rev 1   Page 2 of 2

BARRON
lighting group
800.533.3948 • www.barronltg.com