

DESCRIPTION

FLX is a specification grade LED ribbon tape that is robust and versatile. specialtyLED offers three lumen packages to help fulfill your lighting level needs: low, medium and high output. FLX comes with a 3M adhesive backing on the tape to allow easy installation on a clean, dry surface. There is a wide variety of connectors, drivers, and mounting accessories for easy indoor applications.

APPLICATIONS

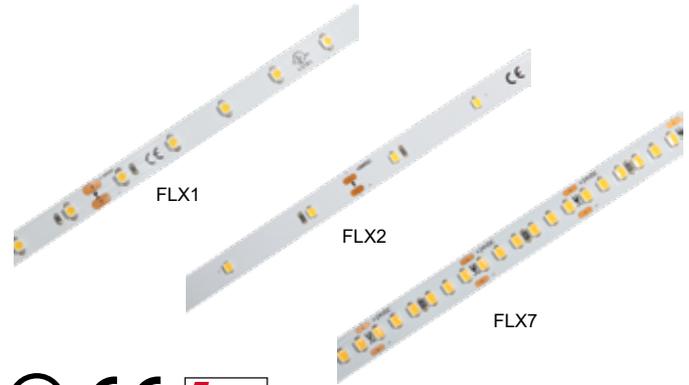
- Cove lighting
- Under cabinet
- Architectural details
- Back lighting
- Display cabinets
- Accent lighting

PERFORMANCE	FLX1	FLX2	FLX7
Lumen Output (lm/ft)	116	165	549
Wattage (W/ft)	1.46	2.2	7.02
Efficacy (lm/W)	79	75	78
CCT	2700K, 3000K, 3500K, 4000K		
CRI	90+		

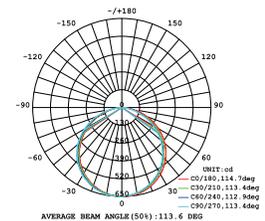
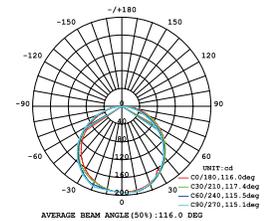
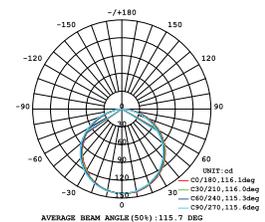
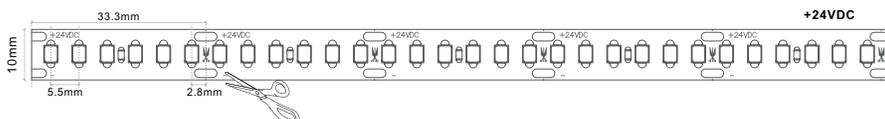
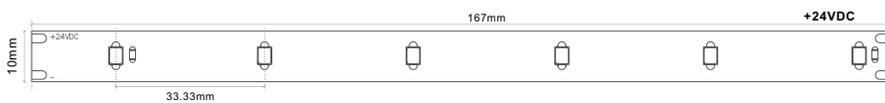
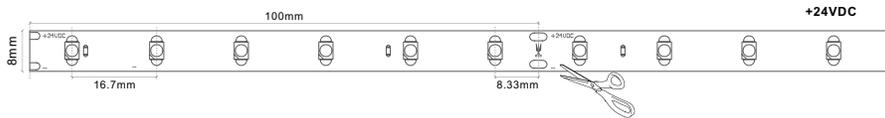
TESTING & COMPLIANCE	FLX1	FLX2	FLX7
Certifications	UL, CE		
IP Rating	IP20		
Operating Temp	-25°C to 40°C (-13°F to 104°F)		
Warranty	Five Years		

ELECTRICAL	FLX1	FLX2	FLX7
Input Voltage	24VDC		
Max Run Length	50.0'	50.0'	16.4'
Dimming	10% With Dimming Driver		

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



PHYSICAL	FLX1	FLX2	FLX7
LED Type	SMD3528	SMD2835	SMD2835
Dimensions	0.39"W x 0.050"H	0.39"W x 0.036"H	0.39"W x 0.037"H
LEDs Per Foot	18	9	55
Cutting Increments	3.937"	6.562"	1.311"
Roll Length	16.4'		
Beam Angle	120°		
Mounting	3M Double-sided Adhesive Tap (attached)		



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

ORDERING INFORMATION

Example: FLX2-35K-16

Series	Rated Power (W/ft) ¹	CCT ²	Length
FLX	1 = 1.46W/ft (SMD3528 LEDs)	2700 = 2700K	16 = 16.4'
	2 = 2.20W/ft (SMD2835 LEDs)	3000 = 3000K	CC ³ = Custom
	7 = 7.02W/ft (SMD2835 LEDs)	3500 = 3500K	
		4000 = 4000K	

Notes

¹ Requires driver, sold separately, see compatible drivers below

² Additional CCTs available, consult factory

³ Consult factory for custom lengths

24VDC NON-DIMMING DRIVER ORDERING INFORMATION (Order As Separate Line Item)

Example: XFMR-24-60

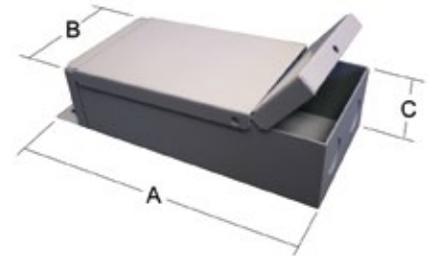
Part Number	Description	Dimensions (AxBxC)
XFMR-24-20	20 Watt, 120VAC in/24VDC out, Class 2	4.65" x 1.37" x 1.0"
XFMR-24-35	35 Watt, 120VAC in/24VDC out, Class 2	5.8" x 1.57" x 1.18"
XFMR-24-60	60 Watt, 120VAC in/24VDC out, Class 2	6.39" x 1.67" x 1.25"
XFMR-24-150	150 Watt, 120VAC in/24VDC out, Class 2	8.74" x 2.67" x 1.52"



24VDC DIMMING DRIVER ORDERING INFORMATION (Order As Separate Line Item)

Example: XFMR-DIM-24-60

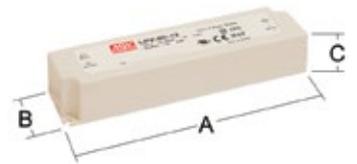
Part Number	Description	Dimensions (AxBxC)
XFMR-DIM-24-20	20 Watt, 120VAC in/24VDC out, Class 2	8.5" x 3.5" x 3"
XFMR-DIM-24-40	40 Watt, 120VAC in/24VDC out, Class 2	8.5" x 3.5" x 3"
XFMR-DIM-24-60	60 Watt, 120VAC in/24VDC out, Class 2	8.5" x 3.5" x 3"
XFMR-DIM-24-96	96 Watt, 120VAC in/24VDC out, Class 2	8.5" x 3.5" x 3"
XFMR-DIM-24-192	192 Watt, 120VAC in/24VDC out, Class 2	14" x 8" x 5"
XFMR-DIM-24-288	288 Watt, 120VAC in/24VDC out, Class 2	14" x 8" x 5"



SPECIALIZED DRIVERS ORDERING INFORMATION (Order As Separate Line Item)

Example: XFMR-277-24-60

Part Number	Description	Dimensions (AxBxC)
XFMR-277-24-20	20 Watt, 277VAC in/24VDC out, Class 2	4.65" x 1.37" x 1.0"
XFMR-277-24-30	30 Watt, 277VAC in/24VDC out, Class 2	5.8" x 1.57" x 1.18"
XFMR-277-24-45	45 Watt, 277VAC in/24VDC out, Class 2	6.39" x 1.67" x 1.25"
XFMR-277-24-60	60 Watt, 277VAC in/24VDC out, Class 2	8.74" x 2.67" x 1.52"
XFMR-277-24-150	150 Watt, 277VAC in/24VDC out, Class 2	8.74" x 2.67" x 1.52"



MAXIMUM RUN LENGTHS (Install Driver Within 10' of FLX)

	FLX1 (1.46W/ft)	FLX2 (2.20W/ft)	FLX7 (7.02W/ft)
XFMR-24-20	10.0'	7.2'	2.2'
XFMR-24-35	19.0'	12.7'	3.75'
XFMR-24-60	32.0'	21.8'	6.8'
XFMR-24-150	50.0'	50.0'	16.4'
XFMR-DIM-24-20	10.0'	7.2'	2.2'
XFMR-DIM-24-40	21.0'	14.5'	4.5'
XFMR-DIM-24-60	32.0'	21.8'	6.8'
XFMR-DIM-24-96	50.0'	34.0'	10.0'
XFMR-DIM-24-192	2 x 50.0'	2 x 34.0'	2 x 10.0'
XFMR-DIM-24-288	3 x 50.0'	2 x 50.0'	3 x 11.0'

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ACCESSORIES (Sold Separately)

Image	Description	Part Numbers	
		FLX1	FLX2/FLX7
	Strip to strip connector. <i>Strip to strip connections for a continuous run.</i>	FLX1-CSS-3528	FLX2/7-CSS-2835
	Strip to strip connector - factory soldered. <i>Strip to strip connections for a continuous run.</i>	FLX1-CSS-FA	FLX1-CSS-FA
	6" Strip to power connector. <i>Strip to driver connection.</i>	FLX1-CSP-3528	FLX2/7-CSP-2835
	6" Strip to power connector - factory soldered. <i>Strip to driver connection.</i>	FLX1-CSP-FA	FLX2/7-CSP-FA
	Strip to strip connector with 2" wire spacer - . <i>For strip to strip connections where corners or bends are needed.</i>	FLX1-CSS-3528-FLEX	FLX2/7-CSS-2835-FLEX
	Strip to strip connector with 2" wire spacer. <i>For strip to strip connections where corners or bends are needed.</i>	FLX1-CSS-FLEX-FA	FLX2/7-CSS-FLEX-FA

ALUMINUM PROFILES (Sold Separately)

Image	Part Number / Description
	FLX-ANG-78 Angled Aluminum Housing Kit (Kit contains 45* Angled 6'-6" aluminum housing, opal lens 6'-6" length, 2 end caps.)

Image	Part Number / Description
	FLX-SLX-78 Slim Aluminum Housing Kit (Kit contains Slim profile 6'-6" aluminum housing, opal lense 6'-6" length, 2 end caps, 10 mounting clips.)