



WHY JUST BE GREEN WHEN YOU CAN BE COLORFUL?

The RFX is an economical, versatile solution for your LED linear lighting needs. *specialtyLED* offers two (2) LED options to further help fulfill your lighting requirements - SMD3528 standard output and SMD5050 high output version. Both are extremely flexible and low profile making them perfect for many different small or restricted locations. RFX indoor comes with a 3M adhesive backing which allows for easy installation on a clean dry surface.

FEATURES

- Available in several bright LED color options such as blue, green, red, purple, yellow and white
- Extremely flexible, bends and twists in almost any direction
- Rated for indoor use
- Slim design allows installation in tight spaces without being visible
- 18 LEDs per foot provide bright illumination
- Available in 12VAC and 24VDC
- Sold in 16' rolls that include a factory installed 6" lead
- Dimmable to 100% with magnetic dimmer and dimming transformer
- Field cut every 2" for SMD3528 or 4" for SMD5050
- Evaluated in accordance with the parameters outlined and reported by LM-79
- 5 year warranty

TECHNICAL SPECIFICATION

- 2 wire, single color, indoor LED ribbon flex
- Voltage: 12VDC or 24VDC
- IP rating: IP54
- Dimensions: 0.62" wide, 0.15" high (SMD3528) and 0.78" wide, 0.19" high (SMD5050)
- Operating distance: Up to a 50' run on a single power supply
- Viewing angle: 120°
- Evaluated in accordance with the parameters outlined and reported by LM-79 (SMD3528 all colors, SMD5050 pure white and warm white)

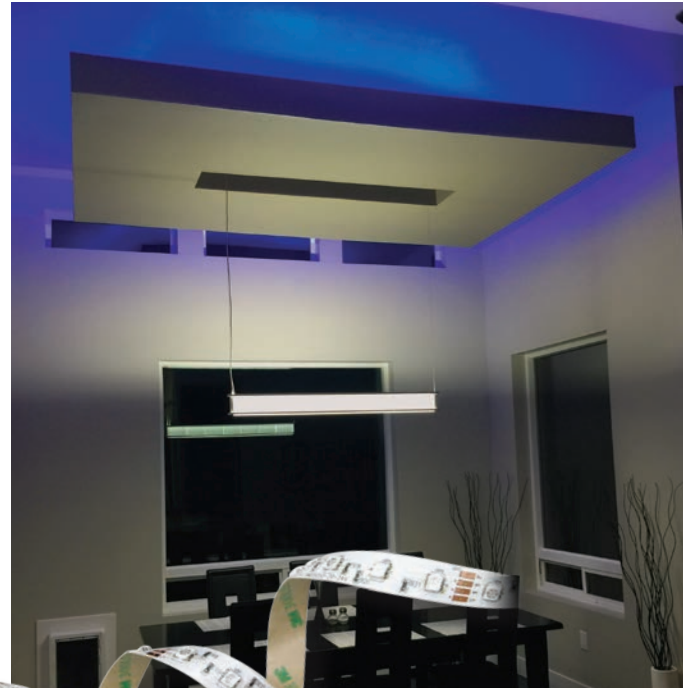
PRODUCT SPECIFICATIONS

- LED specs:
 - Rated life: 50,000 hours
 - Cutting increments: 2" for SMD 3528 and 4" for SMD5050
 - 18 LEDs per foot
- Available in a warm white (3500K), pure white (5000K), yellow, red, green, blue and purple
- Roll Length: 16'
- Mounting: 3M double sided adhesive tape (included)
- Operating temperature: 32°F – 86°F (0°C - 30°C)
- Storage temperature: -40°F – 176°F (-40°C - 80°C)
- 5 year warranty, does not apply to damages caused by improper installation, abuse, fire or acts of God

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

RFX

INDOOR LED RIBBON FLEX



TOP Custom Home
Las Cruces, NM

BOTTOM Grand Plaza Hotel
Grand Rapids, MI



For the complete line of specialtyLED® products, visit us online at barronitg.com.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

TECHNICAL INFORMATION

Color	Voltage	SMD3528 LEDs					SMD5050 LEDs				
		Rated Power (W/ft)	Lumens (lm/ft)	Efficacy (lm/W)	CRI	CCT	Rated Power (W/ft)	Lumens (lm/ft)	Efficacy (lm/W)	CRI	CCT
Warm White	12 or 24VDC	2.25	70.72	32.74	66.50	3500K	5.56	250.49	48.26	63.00	3500K
Pure White	12 or 24VDC	2.25	72.89	32.83	74.90	5000K	5.56	219.55	41.50	66.10	5000K
Red	12 or 24VDC	2.25	37.00	16.44	-	-	-	-	-	-	-
Green	12 or 24VDC	2.25	73.00	32.44	-	-	-	-	-	-	-
Blue	12 or 24VDC	2.25	45.00	20.00	-	-	-	-	-	-	-
Yellow	12 or 24VDC	2.25	37.00	16.44	-	-	-	-	-	-	-
Purple	12 or 24VDC	2.25	37.00	16.44	-	-	-	-	-	-	-

ORDERING INFORMATION
Example: RFX-WW-16-12V-5050

Series	Color	Length ²	Voltage ³	LED Selection
RFX	WW ¹ = Warm White (3500K)	16 = 16 Feet	12V = 12 Volt DC	3528 = SMD3528
	WP ¹ = Pure White (5000K)		24V ⁴ = 24 Volt DC	5050 = SMD5050
	R = Red			
	G = Green			
	B = Blue			
	P = Purple			
	Y = Yellow			

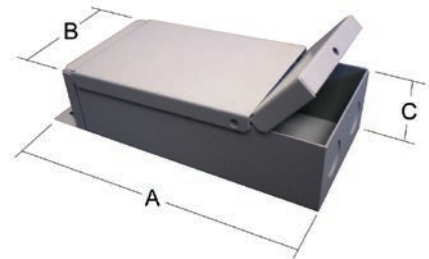
Notes	
¹ Color temperatures can vary ±5%	
² Consult factory for custom lengths	
³ Requires transformer, ordered separately	
⁴ Longer lead times are required for 24V product	

12VDC NON-DIMMING TRANSFORMER ORDERING INFORMATION (ORDER AS SEPARATE LINE ITEM)
Example: XFMR-12-60

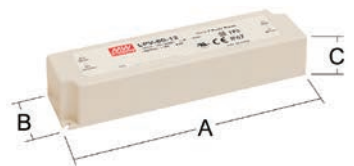
Part Number	Description	Dimensions (AxBxC)
XFMR-12-20	12 Volt, 20 Watt, Class 2 Power Supply	4.65" x 1.37" x 1.0"
XFMR-12-35	12 Volt, 35 Watt, Class 2 Power Supply	5.8" x 1.57" x 1.18"
XFMR-12-60	12 Volt, 60 Watt, Class 2 Power Supply	6.39" x 1.67" x 1.25"
XFMR-12-150	12 Volt, 150 Watt, Class 2 Power Supply	8.74" x 2.67" x 1.52"


12VDC DIMMING TRANSFORMER ORDERING INFORMATION (ORDER AS SEPARATE LINE ITEM)
Example: XFMR-DIM-12-60

Part Number	Description	Dimensions (AxBxC)
XFMR-DIM-12-20	12 Volt, 20 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-12-40	12 Volt, 40 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-12-60	12 Volt, 60 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-12-96	12 Volt, 96 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-12-120	12 Volt, 120 Watt, Class 2 Power Supply	14" x 8" x 5"
XFMR-DIM-12-180	12 Volt, 180 Watt, Class 2 Power Supply	14" x 8" x 5"
XFMR-DIM-12-240	12 Volt, 240 Watt, Class 2 Power Supply	14" x 8" x 5"


24VDC NON-DIMMING TRANSFORMER ORDERING INFORMATION (ORDER AS SEPARATE LINE ITEM)
Example: XFMR-24-60

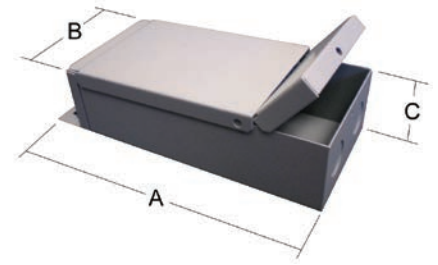
Part Number	Description	Dimensions (AxBxC)
XFMR-24-20	24 Volt, 20 Watt, Class 2 Power Supply	4.65" x 1.37" x 1.0"
XFMR-24-35	24 Volt, 35 Watt, Class 2 Power Supply	5.8" x 1.57" x 1.18"
XFMR-24-60	24 Volt, 60 Watt, Class 2 Power Supply	6.39" x 1.67" x 1.25"
XFMR-24-150	24 Volt, 150 Watt, Class 2 Power Supply	8.74" x 2.67" x 1.52"



24VDC DIMMING TRANSFORMER ORDERING INFORMATION (ORDER AS SEPARATE LINE ITEM)

Example: XFMR-DIM-24-60

Part Number	Description	Dimensions (AxBxC)
XFMR-DIM-24-20	24 Volt, 20 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-24-40	24 Volt, 40 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-24-60	24 Volt, 60 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-24-96	24 Volt, 96 Watt, Class 2 Power Supply	8.5" x 3.5" x 3"
XFMR-DIM-24-192	24 Volt, 192 Watt, Class 2 Power Supply	14" x 8" x 5"
XFMR-DIM-24-288	24 Volt, 288 Watt, Class 2 Power Supply	14" x 8" x 5"



Note: All transformers are to be installed per NEC requirements. Wire leads on the 24 volt product are 18 gauge. Transformer is to be mounted within 10 feet of product. If transformer is mounted more than 10 feet from product, voltage drop and maximum operating distances should be taken into account when making transformer selection. Dimming transformer does not include dimming controller.

ACCESSORIES (ORDER AS SEPARATE LINE ITEM)

Part Number	Image	Description
RFX-CSS-3528		SMD3528 strip to strip connector. Strip to strip connections for a continuous run.
RFX-CSS-5050		SMD5050 strip to strip connector. Strip to strip connections for a continuous run.
RFX-CSS-3528		SMD3528 strip to power connector. Strip to power connection.
RFX-CSP-5050		SMD5050 strip to power connector. Strip to power connection.
RFX-CSS-3528-FLEX		SMD3528 strip to strip connector with 2" wire spacer. For strip to strip connections where corners or bends are needed.
RFX-CSS-5050-FLEX		SMD5050 strip to strip connector with 2" wire spacer. For strip to strip connections where corners or bends are needed.
RFX-BASE		Polycarbonate base, clear - 50" long, 0.87" wide, 0.62" high. Can be used with the indoor or (WET) outdoor product.
RFX-CAP		Polycarbonate cap, clear - 50" long, used in conjunction with the RFX-BASE. Can be used with indoor or (WET) outdoor product.
RFX-LCH-ENDCAP		Plastic end cap for the RFX-BASE and RFX-CAP accessories.

TYPICAL ACCESSORIES FOR 12V INSTALLATION

- RFX LED Ribbon Flex (RFX-WW-16-12V-3528)
- Transformer (XFMR-12-60)
- Optional accessories (RFX-CSS-3528)

