



WHY JUST BE GREEN WHEN YOU CAN BE COLORFUL?

The RFX WET series is an economical, versatile solution for your LED linear exterior 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. The RFX WET is completely encapsulated in a durable IP67 rated silicon housing.

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 outdoor use
- Slim design allows installation in small and tight areas without being visible
- 18 LEDs per foot provide bright illumination
- Available in 12VDC 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 every 4" for SMD5050
- Evaluated in accordance with the parameters outlined and reported by LM-79
- 5 year warranty

TECHNICAL SPECIFICATION

- 2 wire, single color, outdoor LED ribbon flex
- Voltage: 12VDC and 24VDC
- IP Rating: IP67
- 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 the SMD 3528 and 4" for the SMD5050
 - 18 LEDs per foot
- Available in a warm white (3500K), pure white (5000K), yellow, red, green, blue and purple
- Roll Length: 16'
- Mounting: 8, 1/2 silicone mounting clips with pre-drilled screw holes provided with each roll (hardware not provided)
- 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 act of God

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

RFX WET
 OUTDOOR LED RIBBON FLEX



Colorado Freedom Memorial
 Aurora, CO



For the complete line of specialtyLED® products, visit us online at barronltg.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-WET-5050

Series	Color	Length ²	Voltage ³	Location	LED Selection
RFX	WW ¹ = Warm White (3500K)	16 = 16 Feet	12V = 12 Volt DC (Std)	WET = Outdoor	3528 = SMD3528
	WP ¹ = Pure White (5000K)		24V ⁴ = 24 Volt DC		5050 = SMD5050
	R = Red			Notes	
	G = Green			¹ Color temperatures can vary ±5%	
	B = Blue			² Consult factory for custom lengths	
	P = Purple			³ Requires transformer, ordered separately	
	Y = Yellow			⁴ Longer lead times required for 24V product	

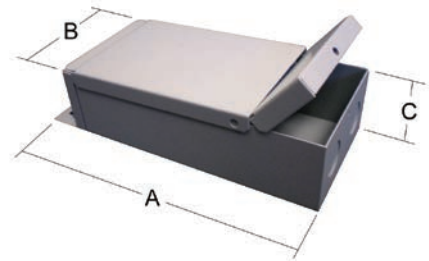
NOTICE: Field cutting RFX-WET product requires waterproofing kit (RFX-WET-KIT)

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

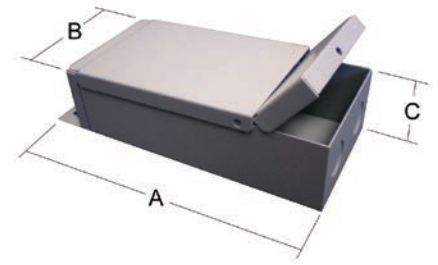
Part Number	Description	Dimensions (AxBxC)
XFMR-24-20	24 Volt, 20 Watt, Class 2 Power Supply	4.65" x 1.37" x 1.0"
XFMR-24-35	24 Volt, 35 Watt, Class 2 Power Supply	5.8" x 1.57" x 1.18"
XFMR-24-60	24 Volt, 60 Watt, Class 2 Power Supply	6.39" x 1.67" x 1.25"
XFMR-24-150	24 Volt, 150 Watt, Class 2 Power 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-WET		SMD3528 strip to strip connector. For strip to strip connections to make a continuous run.
RFX-CSS-5050-WET		SMD5050 strip to strip connector. For strip to strip connections to make a continuous run.
RFX-CSP-3528-WET		SMD3528 strip to power connector. For strip to power connection.
RFX-CSP-5050-WET		SMD5050 strip to power connector. For 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 angles are needed.
RFX-CSS-5050-FLEX		SMD5050 strip to strip connector with 2" wire spacer. For strip to strip connections where corners or angles are needed.
RFX-WET-KIT-3528 or RFX-WET-KIT-5050		Outdoor water proofing and accessory kit. Includes 5 end caps, 5 power feed caps, 6 mounting clips and 2 tubes of silicone glue.
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 24V INSTALLATION

- RFX LED Ribbon Flex (RFX-WW-16-24V-WET-3528)
- Transformer (XFMR-24-60)
- Optional accessory strip to strip connector(RFX-CSS-3528-WET)
- Optional accessory polycarbonate base (RFX-BASE)
- Optional accessory polycarbonate cap (RFX-CAP)
- Weatherproofing kit (RFX-WET-KIT-3528)



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