







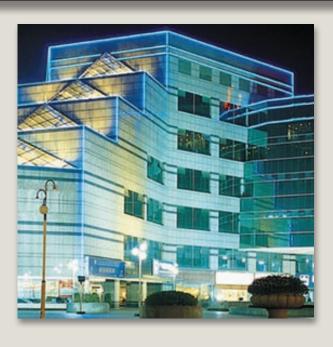
Ibt series

led border tube

The LBT Series is a linear array of LEDs, sealed and interconnected at each end. A series of these tubes can be mounted together to produce a continuous contour of light similar to neon at a fraction of the cost while offering many advantages in regards to installation and maintenance.

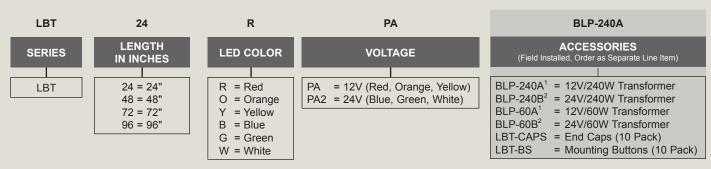
STANDARD FEATURES

- · LED solid state lighting module with weatherproof housing
- · Long life, low power consumption
- · No broken glass and toxic materials
- · Wide viewing angle
- · Uniform illumination
- · Easy modular connectivity
- Wide temperature range, -40°F to 120°F (-40°C to 48°C)
- · Bright luminous intensity
- 12V, 1.8W per foot (red, orange, yellow) or 24V, 2.4W per foot (white, green, blue)
- Meets Made In America requirements (level 2)
- 100% dimmable with low voltage dimmer
- · Housing is UV protected against discoloration
- U.L. Listed, 5 year warranty



APPLICATIONS:

- Accent Lighting
- Edge Lighting
- Cove Lighting
- · Low Ambient Wall Washes



¹ Red, Orange and Yellow Only





² Blue, Green and White Only



fbt series

led flexible border tube



APPLICATIONS:

- Borders
- Roof Lines
- · Cove Lighting
- Signage
- Bridges
- Accent Lighting

TRU-COLOR OPTION

Optional Tru-Color housing combines all the advantages of Flexible Border Tube with the housing color-matched to the LEDs, creating a bright, vibrant color even in daylight conditions with the lights off!

The FBT Series combines state of the art technology with a flexible, durable housing to create an extremely bright, uniform illumination with a versitility that makes makes it perfect for any custom design application.

STANDARD FEATURES

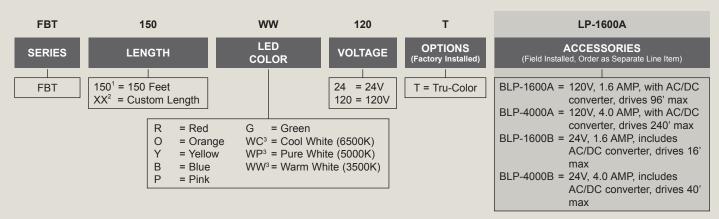
- · Flexible PVC housing can conform to almost any angle
- · Easy to install, can be field-cut to any length as designated
- Available in 120V (1.2 watts per foot) or 24V, (1.8 watts per foot)
- Temperature range, -22°F to 140°F (-30°C to 60°C)
- Energy efficient, save up to 70% or more over neon
- · Shatterproof, vibration resistant, no toxic materials
- Completely weatherproof, UV protected against discoloration
- Up to 100k hour life expectancy
- · U.L. Listed2, 1 year warranty

CUTTING INCREMENTS

• 120V system: Red, orange, yellow: every 30" Green, blue, white: every 18"

• 12V system: Red, orange, yellow: every 4"

Green, blue, white: every 3"



¹ Complete rolls come standard with: (5) Power Supplies, (5) Connector Pins, (5) End Caps, (5) Heat Shrink Tubes & (50) Mounting Clips

² U.L. Listed custom cut lengths (up to 150') are available, but may have additional lead time

³ Color temps can vary +/- 500K



rl series

led rope light

RL Series LED Rope Light consists of a linear array of solid state LEDs, encased in a rugged, weather resistant PVC-silicone based flexible tubing. They are as visually appealing as neon, yet have all of the advantages of LEDs.

STANDARD FEATURES

- 1 LED per inch, viewing angle: 180°
- Outdoor rated, -4°F to 140°F (-20°C to 60°C)
- · Easy to install, can be field-cut to any length as designated
- · Available in 120V or 12V
- Up to 100k hour life expectancy
- · Translucent rope with UV protection against browning
- · Shatterproof, vibration resistant, no broken glass or toxic materials
- .48 watts per ft: red, orange, yellow, .84 watts per ft: white, green, & blue 20mA per 12"
- · U.L. Listed2, 1 year warranty
- Diameter: 16mm (5/8")

CUTTING INCREMENTS

- 120V system: Red, orange, yellow: every 60" Green, blue, white: every 36"
- 12V system: Red, orange, yellow: every 6"

Green, blue, white: every 3"



APPLICATIONS:

- Accent Lighting
- · Back Lighting
- · Cove Lighting
- Halos

RL	120	150	ww	R	RL-RSK
SERIES	VOLTAGE	LENGTH	LED COLOR	ROPE STYLE	ACCESSORIES (Field Installed, Order as Separate Line Item)
		150 ¹ = 150 Feet XX ² = Custom Length with (5) re-sale kits	R = Red E = Orange Y = Yellow B = Blue G = Green WC ³ = Cool White (6500K) WP ³ = Pure White (5000K) WW ³ = Warm White (3500K)	R = Round	RL-RSK ⁴ = 120V Install Kit (Includes Line Cord, End Cap & Connector) RL-MC = Mounting Clips BLP-240A = 12V/250W Transformer BLP-60A = 12V/60W Transformer

- including; end caps, line cords and mounting clips
- ² U.L. Listed custom cut lengths (up to 150') are available, but may have additional lead time
- ³ Color temps can vary +/- 500K
- ⁴ RL-RSK can run up to 450' max for red, yellow or orange, 270' max for green, blue or white

rl-rgb series

color chasing programmable rope light



APPLICATIONS:

- Marquee/Signs
- · Cove Lighting
- Stages
- Perimeter

RL-RGB is a creative, fun way to add color and motion to a horizontal plane. This 4 wire, rectangular LED product operates with the aid of a controller to create spectacular effects.

STANDARD FEATURES

- 1 LED per inch, viewing angle: 180°
- · Horizontal installations only
- Outdoor rated, -4°F to 140°F (-20°C to 60°C)
- · Easy to install, can be field-cut to any length as designated
- · Available in 120V or 12V
- Up to 50k hour life expectancy
- · Translucent rope with UV protection against browning
- Shatterproof, vibration resistant, no broken glass or toxic materials
- 5.3 watts per foot, 20mA per foot
- U.L. Listed2, 1 year warranty
- 36" cutting increment
- Measures .43" x .86" rectangular

ORDERING INFORMATION

RL-RGB	120	150
SERIES	VOLTAGE	LENGTH
RL-RGB	12 = 12V 120 = 120V	$150^{1} = 150 \text{ Feet}$ $XX^{2} = \text{Custom Length}$

RL-RGB

12 = 12V
120 = 120V

150¹ = 150 Feet
XX² = Custom Length

RGB-RSK³ = 120V Install Kit (Includes Line Cord, End Cap & Connector)
RL-MC = Mounting Clips
BLP-240A = 12V/250W Transformer
BLP-60A = 12V/60W Transformer
RFX4B-RGB = Simple Controller

RL-RSK

ACCESSORIES
(Field Installed, Order as Separate Line Item)

Omplete rolls come standard with (5) re-sale kits including; end caps, line cords and mounting clips

² U.L. Listed custom cut lengths (up to 150') are available, but may have additional lead time

³ RGB-RSK can run up to 250' max



rfx series

indoor led ribbon flex

RFX Series is a low profile, versatile solution for your LED linear indoor lighting needs. Extremely flexible and easily installed with pre-applied double-sided tape for almost any application.

STANDARD FEATURES

- · Available in blue, green, red, white, yellow, purple and RGB
- · Can be cut in 3" increments
- LED Specifications: Standard SMD3528 at 2.25W per foot Optional - SMD5050 at 5.5W per foot RGB Standard SMD5050 at 2.25W per foot
- · Total output: warm white 212.34 lm/ft, pure white 300 lm/ft
- · 12V or 24V input voltage
- · Sold in 16' rolls, custom rolls of 20' or 30' are available with additional lead time
- Up to a 32' run on a single power supply (wattage allowing)
- · RGB version can create millions of colors
- · Can be dimmed 100% with magnetic dimmer and dimming transformer
- 5 year warranty on ribbon flex, 3 year warranty on transformers
- · LM79 data available

APPLICATIONS

- · Exhibit & Display Lighting
- · Accent Lighting
- Shop Windows
- Task Lighting
- Cove Lighting

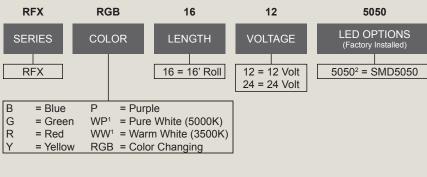




WHATS INCLUDED:

- · 16' Ribbon Flex
- Mounting Clips
- Connectors

ORDERING INFORMATION



1 Color temps can vary +/- 500K

² Not available on RGB

RFX-2AC **ACCESSORIES** RFX-2AC = 20W 12 or 24VDC UL Class 2 Power Supply RFX-3AC = 35W 12 or 24VDC UL Class 2 Power Supply RFX-5AC = 60W 12 or 24VDC UL Class 2 Power = 150W 12 or 24VDC UL Class 2 RFX-7AC Power Supply RFX4B-RGB = Simple Controller For RGB Flex RFX-DMX = RGB controller w/DMX input, controls up to 32'

rfx-wet series

outdoor led ribbon flex







WHATS INCLUDED:

- · 16' Ribbon Flex
- Connectors
- Mounting Clips
- Silicon Sealant

RFX-WET Series is a low profile, versatile solution for your LED linear exterior lighting needs. Completely encapsulated in a durable, IP67 rated silicon housing, RFX-WET is extremely flexible and easily installed with included mounting clips.

STANDARD FEATURES

- · Extremely flexible, bend and twist in almost any direction
- · Can be cut in 3" increments
- LED Specifications: Standard SMD3528 at 2.25W per foot
 Optional SMD5050 at 5.5W per foot
 RGB Standard SMD5050 at 2.25W per foot
- Total output: warm white 212.34 lm/ft, pure white 300 lm/ft
- 12V or 24V input voltage
- Sold in 16' rolls, custom rolls of 20' or 30' are available with additional lead time
- Up to a 32' run on a single power supply (wattage allowing)
- · RGB version can create millions of colors
- Can be dimmed 100% with magnetic dimmer and dimmable transformer
- 5 year warranty on ribbon flex, 3 year warranty on transformers
- IP67 Rated
- I M79 data available

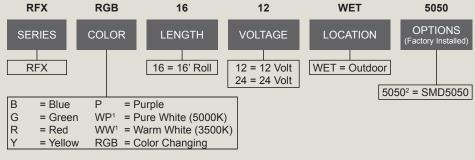
APPLICATIONS

- · Exhibit & Display Lighting
- Accent Lighting
- · Shop Windows
- · Cove Lighting

RFX-2AC

ACCESSORIES

ORDERING INFORMATION



RFX-2AC = 20W 12 or 24VDC UL Class 2
Power Supply
RFX-3AC = 35W 12 or 24VDC UL Class 2
Power Supply
RFX-5AC = 60W 12 or 24VDC UL Class 2
Power Supply
RFX-7AC = 150W 12 or 24VDC UL Class 2
Power Supply
RFX-7AC = 150W 12 or 24VDC UL Class 2
Power Supply
RFX-RGB = Simple Controller For RGB Flex
RFX-DMX = RGB controller w/DMX input

controls up to 32'

¹ Color temps can vary +/- 500K

² Not available on RGB



bfl series

led festoon lighting

Festoon lights provide an indoor, commercial grade, energy efficient system that is perfect for retrofit as well as new construction installations. The 12V product consumes less than 1 watt per 6 LED lamp. This two part system consists of a linear trac that has lamp holders every 2 or 4 inches, and a 6 LED Festoon lamp that snaps into the lamp holder. Each lamp will provide clear, uniform light distribution without any scaling.

STANDARD FEATURES

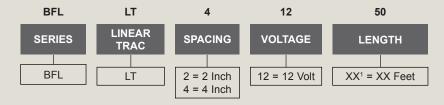
- Incorporates 6x1 SMD Ultra Bright LEDs
- · High Luminous Flux
- Can be rotated 270° degrees for adjustable light direction
- · Long life and energy saving
- Low voltage 12V DC
- · Easy to install
- · Dimmable up to 40%
- U.L. Listed (with class 2 transformer), 1 year warranty



APPLICATIONS

- · Display Lighting
- · Back Lighting
- · Accent Lighting
- · Indirect Lighting
- · Cove Lighting
- · Undercabinet Lighting

LINEAR TRAC ORDERING INFORMATION

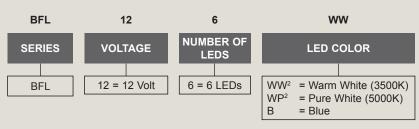


TRANSFORMER ORDERING INFORMATION

BLP-240A

SERIES BLP240A = 250 WATT, 120V TO 12VAC POWER SUPPLY, CAN RUN 333 - .75 WATT FESTOONS/ 111 FT BLP60A = 60 WATT, 120V TO 12VAC POWER SUPPLY, CAN RUN 80 - .75 WATT FESTOONS/ 26.6FT

FESTOON LAMP ORDERING INFORMATION



¹ Max length determined by transformer selection





² Color temps can vary +/- 500K

lww series

led linear wall wash









APPLICATIONS

- · Wall Wash
- · Stage/Theater Lighting
- · Bridge Up Lighting
- · Building Parapit Lighting

capability and an energy efficient design to create unique accent lighting capable of 16,000 color variations.

STANDARD FEATURES

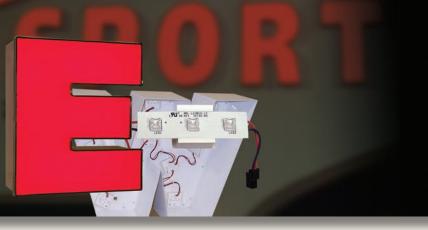
- 5 foot line cord with plug included standard
- IP65 rated
- Built-in pre-programmed effects or controlled by DMX (provided by user)
- Pre-installed 3-pin 1 foot signal cable for unit connections
- Rated for -4°F to 104°F (-20°C to 40°C)
- Up to 30 units can be controlled in a row
- · Adjustable die-cast aluminum mounting brackets
- 25° beam angle
- 180° adjustable positioning
- 48"L x 2 1/8"W x 5"H
- RGB version uses 64.8 watts
- Pure White version uses 52 watts



ORDERING INFO



¹ Color temps can vary +/- 500K



blm series

led channel letter modules

The BLM Series LED Modules are a linear array of solid state LEDs mounted on an elongated circuit board. These offer both high performance and low operating costs for commercial signage applications. They are easily transported, mount on any surface and need no maintenance.

These LED Modules are great for channel letter lighting, back and cove lighting, halo effects, low ambient wall washes, and accent lighting. They are a perfect decorative lighting product for retail, commercial, and entertainment establishments.

STANDARD FEATURES

- · LED solid state lighting module
- · Damp rated
- · Long life, minimal power consumption
- · Reliable in extreme temperatures
- · Shatterproof and vibration resistant
- · Wide viewing angle
- · Easy modular connectivity
- · Uniform illumination
- · High luminous intensity
- U.L. Listed (with class 2 transformer), 5 year warranty
- Red, orange, yellow: 1.6 watts per foot Blue, green, white: 2.8 watts per foot



APPLICATIONS

- · Sign Lighting
- · Exhibit & Display Lighting
- Back Lighting
- · Cove Lighting







Ib series

led indoor light box

STANDARD FEATURES

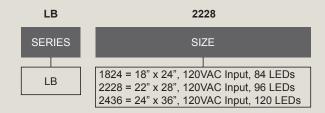
- Create eye-catching back-lit displays using reliable, long life, energy efficient LED technology
- 120V cord set with plug included standard
- Swing-open design with concealed hinges, mounts easily either vertically or horizontally
- 1 year warranty

APPLICATIONS

- · Exhibit & Display Lighting
- Cinema Posters
- · Art Lighting
- · Menu/Restaurant Displays

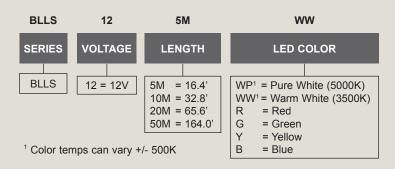


ORDERING INFORMATION





ORDERING INFORMATION



TRANSFORMER ORDERING INFORMATION

BLP-1000A

BLP-1000A = 20W 120-12V Waterproof Transformer
BLP-3600A = 35W 120-12V Waterproof Transformer
BLP-6000A = 60W 120-12V Waterproof Transformer
BLP-1500A = 150W 120-12V Waterproof Transformer

blls series

led exterior light strings

LED Light strings are a commercial grade, energy saving, environmentally friendly indoor and outdoor lighting solution.

STANDARD FEATURES

- Constructed of rugged ABS molded connectors, commercial grade wire and long life LEDs
- Easily connect multiple strings with included outdoor connectors
- Run up to 700 LEDs (350') off of a single power supply
- Available in red, green, yellow, blue, pure white or warm white
- LEDs mounted on center every 6"
- Energy efficient, only 0.48 watts per foot
- 1 year warranty

APPLICATIONS

- · Exterior decoration
- · Interior accent lighting
- Holiday displays



t8 series

linear led fluorescent replacement

The T8 Series is an optimized linear LED tube light designed to surpass traditional fluorescent T8 lamps. The tube employs 288 state of the art LED chips, with a total power of just 18W. A lumen output of 1200 in Pure White and 1000 in Warm White assures uniform brightness over entire length of the lamp.

LED T8 lamps replace the standard fluorescent tube lights and accept 110/120V input, eliminating the need for a ballast. The lamp plugs directly into existing fluorescent bi-pin sockets and is a direct replacement for standard fluorescent lamps. *The existing ballast must be removed.* The lamp lasts approximately 50,000+ hours, and the plastic housings are humidity/moisture resistant.

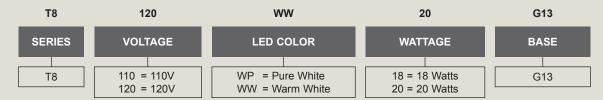
STANDARD FEATURES

- Energy efficient at 18W per 4 foot tube
- High Lumen Output: 1200 lm (Pure White); 1000 lm (Warm White)
- Long Life rated at 50,000+ hours
- Eliminates Ballast Energy Draw & Replacement Costs
- · Dimensions: 28mm by 1200mm Length
- RoHS Compliant and U.L. Listed, 3 Year Warranty



APPLICATIONS

- Office Lighting
- 2'x4' Trough Retrofits
- · Residential Lighting
- Hospital Lighting
- Title 24 Bathroom Lighting
- Under-Cabinet Lighting
- · Accent & Task Lighting
- · Bus &Train Lighting













ECL-16 STANDARD FEATURES

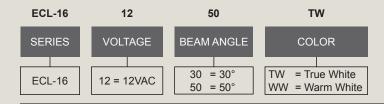
- Easy to install direct replacment for MR16 lamps
- Up to 25,000 hour lamp life with no UV or IR light radiation

led lamps in mr16, par30 & par38

1 year warranty

- High brightness, in true white or warm white
- · Available in 30 and 50 degree beam spreads
- Temperature range: -4°F to 104°F (-20°C to 40°C)

ORDERING INFORMATION

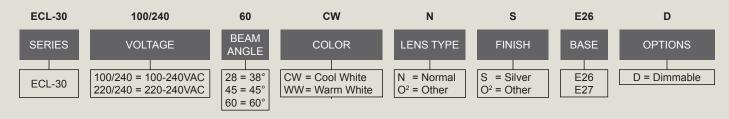


ECL-30 STANDARD FEATURES

- · Easy to install direct replacment for PAR30 lamps
- Up to 40,000 hour lamp life with no UV or IR light radiation
- 1 year warranty

- · High brightness, in cool or warm white
- · Available in 28, 45 and 60 degree beam spreads
- Temperature range: -4°F to 104°F (-20°C to 40°C)

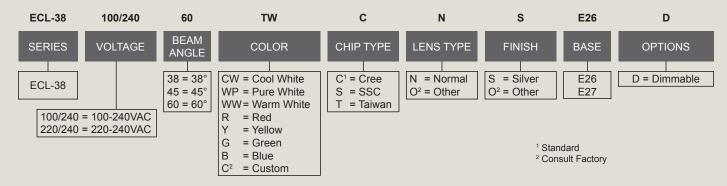
ORDERING INFORMATION



ECL-38 STANDARD FEATURES

- · Easy to install direct replacment for PAR38 lamps
- Up to 50,000 hour lamp life with no UV or IR light radiation
- 1 year warranty

- · Warm, pure and cool white, red, yellow, green & blue
- 38, 45 and 60 degree beam spread options
- Temperature range: 14°F to 104°F (-10°C to 40°C)





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