

Consumer Retail Series

Interior / Exterior Illumination

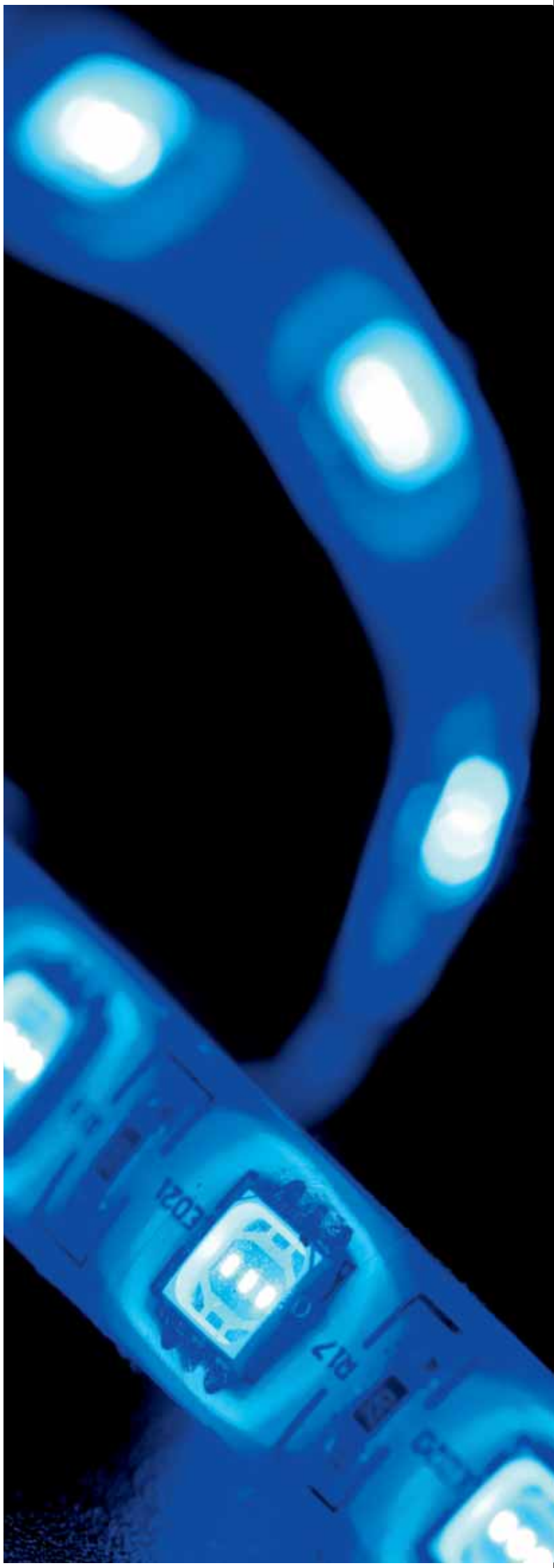
LED Tape Light Series



Interior/Exterior Illumination



Eslight introduces its new range of Low Voltage and Direct to AC LED Tape Light products. The LED Tape Light Series is available in single color and color temperatures of white as well as full color RGB. The Eslight Direct to AC line voltage tape light is the first on the market and utilizes the latest in SMD 3528 and 5050 LED technologies for extra long life and low energy consumption. LED Tape Light is ideal for general illumination applications such as cove, sconce, baser board, and wherever linear cold cathode and fluorescents are used.



SMD 3528 Low Voltage Tape Light



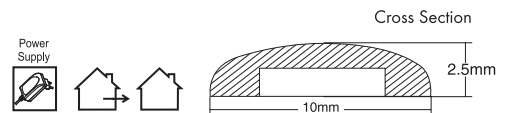
Features and Benefits

- High quality SMD LEDs
- Single Color R/G/B/A/(RGB)/ White (3985K±275K)
- Flexible IP65 Light Body
- 3M Tape Pre Affixed (For easy Mounting)
- High Lumens Output
- Replaces Cold Cathode and Fluorescents
- Easy Connection and Control Systems (RGB)

Application

- Backlight source, under cabinet, furniture decoration and illumination, kitchen decoration, etc.

Specifications



Item NO.	LED Color	Operating Voltage	Operating Current	Power Consumption	Beam Angle	LED Qty. per Meter	Package	Max.loading Length (with 1.6A converter)
FPCW-3528-30L-12V	W,WWW, G,B,R,Y	DC 12V	0.2A/M	2.4W/M	120°	30L	3M,5M/Roll	15M
FPCW-3528-30L-12V-P	B,W,WWW							
FPCW-3528-60L-12V	W,WWW, G,B,R,Y		0.4A/M	4.8W/M	120°	60L	3M,5M/Roll	10M
FPCW-3528-60L-12V-P	B,W,WWW							
FPCW-3528-120L-12V	W,WWW, G,B,R,Y		0.8A/M	9.6W/M	120°	120L	3M,5M/Roll	5M
FPCW-3528-120L-12V-P	B,W,WWW							

* Letter P represents Ultra-brightness

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SMD 5050 Single Color Low Voltage Tape Light



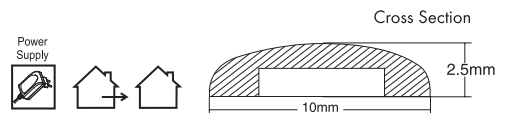
Features and Benefits

- High quality SMD LEDs
- Single Color R/G/B/A/(RGB)/ White (3985K±275K)
- Flexible IP65 Light Body
- 3M Tape Pre Affixed (For easy Mounting)
- High Lumens Output
- Replaces Cold Cathode and Fluorescents
- Easy Connection and Control Systems (RGB)

Application

- Backlight source, under cabinet, furniture decoration and illumination, kitchen decoration, etc.

Specifications



Item NO.	LED Color	Operating Voltage	Operating Current	Power Consumption	Beam Angle	LED Qty. per Meter	Package	Max.loading Length (with 1.6A converter)
FPCW-5050-30L-24V	W,WW, G,B,R,Y	DC 24V	0.3A/M	7.2W/M	120°	30L	3M,5M/Roll	15M
FPCW-5050-30L-24V-P	B,W,WW							
FPCW-5050-60L-24V	W,WW, G,B,R,Y		0.5A/M	12W/M	120°	60L	3M,5M/Roll	
FPCW-5050-60L-24V-P	B,W,WW							

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SMD 5050 RGB Low Voltage Tape Light



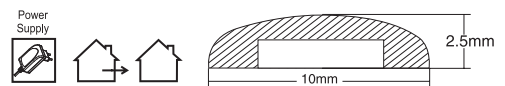
Features and Benefits

- High quality SMD LEDs
- Single Color R/G/B/A/(RGB)/ White (3985K±275K)
- Flexible IP65 Light Body
- 3M Tape Pre Affixed (For easy Mounting)
- High Lumens Output
- Replaces Cold Cathode and Fluorescents
- Easy Connection and Control Systems (RGB)

Application

- Backlight source, under cabinet, furniture decoration and illumination, kitchen decoration, etc.

Cross Section



Specifications

Item NO.	LED Color	Brightness Grade	Operating Voltage	Operating Current	Power Consumption	Beam Angle	LED Qty. per Meter	Package	Max.loading Length (with 1.6A converter)
FPCW-5050RGB-30L-12V	R,G,B	Normal Brightness	DC 12V	0.5A/M	6W/M	120°	30L	3M,5M/Roll	10M
FPCW-5050RGB-30L-12V-P	R,G,B	High Brightness							
FPCW-5050RGB-60L-12V	R,G,B	Normal Brightness		1.0A/M	12W/M	120°	60L	3M,5M/Roll	5M(10M When not all light)
FPCW-5050RGB-60L-12V-P	R,G,B	High Brightness							

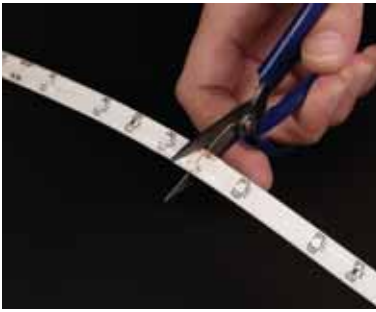
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Interior / Exterior Illumination LED Tape Light Series

How To Apply

SMD Tape Light



- Cut to desired length only on the closest cut mark printed on the product.



- Scrape the cover layer of gluewater with knife.



- Expose the adhesive side.



- In-line connection.



- Put on the transparent canula and seal the connecting part with silica gel to form perfect waterproof effect.



- Adhere the product to the desired place.

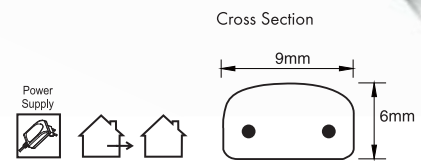
SMD 3528 Heavy-duty Tape Light

Features and Benefits

- High quality SMD LEDs
- Single Color R/G/B/A/(RGB)/ White (3985K±275K)
- Flexible IP65 Light Body
- 3M Tape Pre Affixed (For easy Mounting)
- High Lumens Output
- Replaces Cold Cathode and Fluorescents
- Easy Connection and Control Systems (RGB)

Application

- Building outlines, coves, aisles, signs, travel coaches, recreational boats, aircraft, autos, etc.



Specifications

Item No.	LED Color	Operating Voltage	Power Consumption	Total Power Consumption	LED Spacing	LED Qty. per Meter	Cutting Unit	Package	Max. loading Length with 1.6A converter
LT-2W-3528-40L-240V	R,Y,A	DC 240V	1.6W/M	158.4W	25MM	120L	3M	99M/Roll	240M
	B,G,W		2.67W/M	264W		72L	1.8M		144M
LT-2W-3528-40L-240V-P	B,W,WWW								
LT-2W-3528-40L-120V	R,Y,A	DC 120V	1.6W/M	146.4W	25MM	60L	1.5M	300.2Ft/Roll	393Ft
	B,G,W		2.67W/M	242.4W		36L	0.9M	298.2Ft/Roll	236Ft
LT-2W-3528-40L-120V-P	B,W,WWW								
LT-2W-3528-40L-24V	R,Y,A	DC 24V	1.6W/M	159.8W	25MM	12L	0.3M	99.9M/Roll	24M
	B,G,W		3.2W/M	319.7W		6L	0.15M		12M
LT-2W-3528-40L-24V-P	B,W,WWW								
LT-2W-3528-60L-240V	R,Y,A	DC 240V	2.4W/M	240W	16.7MM	120L	2M	100M/Roll	160M
	B,G,W		4W/M	398.4W		72L	1.2M	99.6M/Roll	96M
LT-2W-3528-60L-240V-P	B,W,WWW								
LT-2W-3528-60L-120V	R,Y,A	DC 120V	2.4W/M	218.4W	16.7MM	60L	1M	298.5Ft/Roll	298.5Ft
	B,G,W		4W/M	364.8W		36L	0.6M	299.2Ft/Roll	299.2Ft
LT-2W-3528-60L-120V-P	B,W,WWW								
LT-2W-3528-60L-24V	R,Y,A	DC 24V	2.4W/M	240W	16.7MM	12L	0.2M	100M/Roll	16M
	B,G,W		4.8W/M	480W		6L	0.1M		8M
LT-2W-3528-60L-24V-P	B,W,WWW								

* Letter P represents Ultra-brightness

* Note: The product specs listed above are the standardized specs of our company. There are also some special specs for your options. For more information, please contact us today.

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Connection and Accessories

Heavy-duty Tape Light

1. Easy Connector (Non-Waterproof)



Front Connector
1. 2-Way Double Pin Coupler
2. Heat Shrink Tube



Splicing Connector
1. 2-Way Double Pin Splicing Connector
2. Heat Shrink Tube
3. Silicone Adhesive



Splicing Connector
1. Plastic End-Cap
2. Silicone Adhesive

2. Molded Connector (IP44)



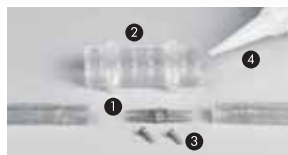
Front connector
Molded power connector

Molded end cap

3. Conch Connector (IP44)



Front Connector
1. Shell electrical plug end
2. Simple front connector
3. Plastic Shell (2 Piece)
4. Self-tapping Screws
5. Silicone Adhesive



Splicing Connector
1. 2-Way Double Pin Splicing Connector
2. Plastic Shell (2 Piece)
3. Self-tapping Screws
4. Silicone Adhesive



Attachable End Cap
1. End Cap
2. PVC Adhesive

Other Accessories



L-Transparent Connector
(Non-Waterproof)



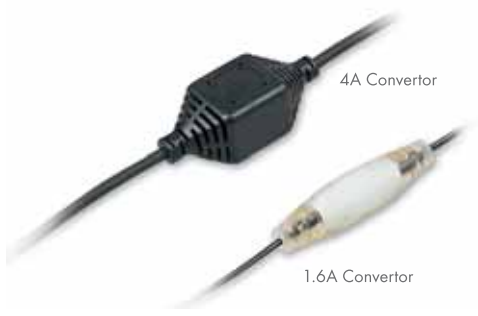
T-Transparent Connector
(Non-Waterproof)



X-Transparent Connector
(Non-Waterproof)



Plastic Shell (2 piece)
Waterproof



Proprietary AC/DC Power Converter Cable

Eslight has solved the problem other similar products pose such as flickering and linear length limitations with the invention of a patented specialized AC to DC transformer.

This special AC to DC converter power is patent pending for the American and European markets.

How to Apply



Cut only on the Cut Marks printed on the product.
6V Versions can be cut to any length
 NOTE: Use Appropriate Sharpened tools as not to cause damage to the product.

Bend the product a few times to make certain any additional wire retracts into the housing. Use wire cutters to cut away any remaining exposed wires.

To install the product onto hard surfaces use the included mounting clips.



For Free Form Applications affix the product to wire frames using plastic tie straps. (Applicable to both Flat and Side Emitting Types)

Channel Application (Channel Sold Separately)
 *If applying vertically apply a thin bead of clear silicone adhesive inside the bottom of the channel to prevent slipping or stretching of the product.

Carpet Border Application

To determine the appropriate power supply for your application measure the power consumption of the total length applied and use the appropriate power supply listed above. For optimal performance connect with our patented, specially designed AC /DC Converter Power Cable.

Important Installation Tips

For small scale projects, like under cabinet & stairway we recommend the use of our 6V versions that can be cut to any length.

For large scale projects, like building outlines & outdoor decoration it is possible to apply a combination of AC line voltage versions for long runs and apply the 6V DC version for short applications or in areas that require low voltage based on local electrical regulations.

Package



Quick and Easy Installation Using Double Sided Adhesive Tape

1. Choose a Double Sided Adhesive Tape
 Follow the instruction on the Double Sided Adhesive Tape packaging for surface preparation.
2. Apply Double Sided Adhesive Tape to the Product and expose the adhesive side that will affix to the desired mounting surface.
3. Apply the product with the Double Sided Adhesive Tape "sticky side" onto the intended surface moving from one end to the other and apply pressure to fasten securely.



Note:
 Use only quality Double Sided Adhesive Tape such as e.g. 3M. When using Double Sided Adhesive Tape apply only in dry locations or as recommended on the Double Sided Adhesive Tapes packaging.