



LINKLITE™

LED Module



The LINKLITE LED Module from Beyond LED Technology is a compact and durable lighting solution designed for signage, channel letters, light boxes, and accent lighting applications. Built with high-quality SMD LEDs powered by Lumileds (Standard) and Epistar (RGB) chips, it delivers bright, even illumination with excellent color consistency and minimal glare. Its micro-prism lens, featuring a 175° (Standard) and 170° (RGB) beam angle, provides a wide and uniform light spread for smooth, glare-free lighting. The module adopts a series-parallel connection circuit, allowing up to 50 modules per string with no voltage loss — each module can also operate individually for flexible installation. Designed with a robust ABS housing and waterproof construction, it performs reliably in both indoor and outdoor environments. The module is available in two variants — Standard, offering multiple white and single-color options, and RGB, enabling dynamic color-changing effects with a compatible controller. Ideal for glowing characters, advertisement boards, light boxes, and local lighting, LINKLITE modules are energy-efficient, long-lasting, and built for professional lighting applications.

Product Features

- Available in 2 models - Standard and RGB
- Standard model - 1.2 W per module
- RGB model - 1 W per module
- 3 × 2835 Lumileds SMD LEDs per module
- Standard Model - 135 lumens per module
- Standard model - 175° Beam Angle
- RGB model - 170° Beam Angle
- Micro-prism lens
- Input Voltage DC 12V
- Link up to 50 modules per string
- ABS housing with copper wiring
- IP68 rated
- UL Certified
- 5 years warranty

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SKU	WATT	MAX LUMENS	CCT	INPUT VOLTAGE	LIGHT SPREAD	HOUSING	IP RATING	CERTIFICATIONS
157225	1.2W Per Module	135	6500K	12V DC	175°	White	IP68	UL
157227	1.2W Per Module	135	10000K	12V DC	175°	White	IP68	UL
157226	1W Per Module	-	RGB	12V DC	170°	White	IP68	UL

SKU: 157225

Specifications

Parameter	Description	Value
General Performance	Model #	S50F600065K
	Wattage	1.2W Per Module
	Max Lumens	135
	Lumen Efficacy	Up to 130LM/pc
	Color Temperature	6500K
	Input Voltage	12V DC
	LED Brand	Chip from Lumileds
	LED Chip	SMD2835
	Light Spread	175°
	Shell	White ABS
	Operating Temperature	-20°C ~ 60°C
	Storage Temperature	-40°C ~ 60°C
	LED Type	SMD2835
	LED Qty	3 Pcs
	Color	White
	IP Rating	IP68 Rated
	Warranty	5 Years



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SKU: 157227

Specifications

Parameter	Description	Value
General Performance	Model #	S50F6000100K
	Wattage	1.2W Per Module
	Max Lumens	130
	Lumen Efficacy	Up to 130LM/pc
	Color Temperature	10000K
	Input Voltage	12V DC
	LED Brand	Chip from Lumileds
	LED Chip	SMD2835
	Light Spread	175°
	Shell	White ABS
	Operating Temperature	-20°C ~ 60°C
	Storage Temperature	-40°C ~ 60°C
	LED Type	SMD2835
	LED Qty	3 Pcs
	Color	White
	IP Rating	IP68 Rated
	Warranty	5 Years

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SKU: 157226

Specifications

Description		Value
General Performance	Model	S50F5000RGB
	Wattage	1W Per Module
	LED Type	2835 SMD LED
	LED BRAND	Chip from Epistar
	Light Spread	170°
	LED Qty	3 pcs
	Working Voltage	12V DC
	Driving Method	CV
	Maximum Length In Serial Connection	≤50pcs
	Shell	White ABS
	Available Color	RGB
	Working Temperature	-20°C ~ +60°C
	Storage Temperature	-50°C ~ +60°C
	IP Rating	IP68

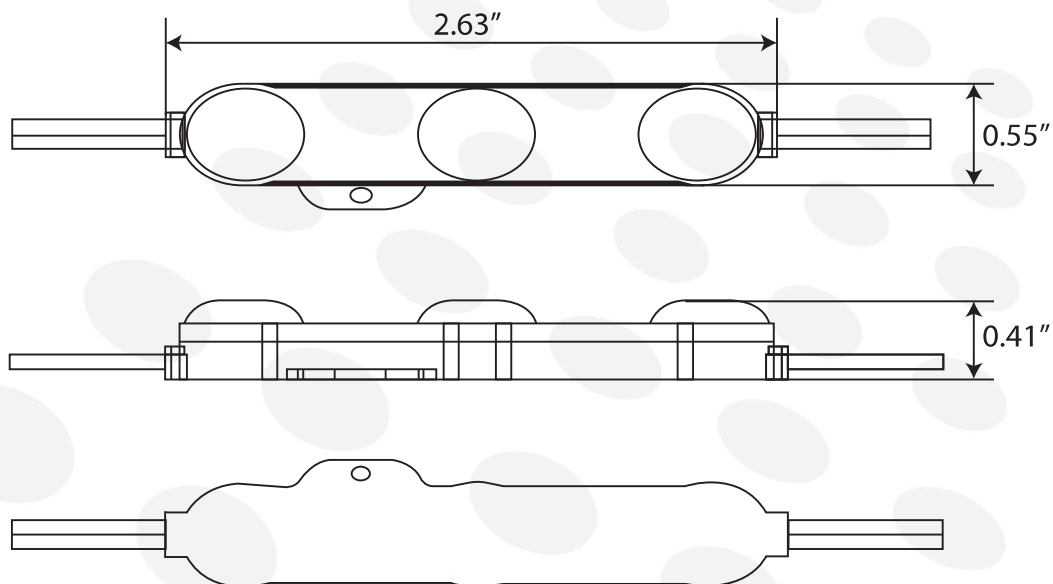
LED MODULE



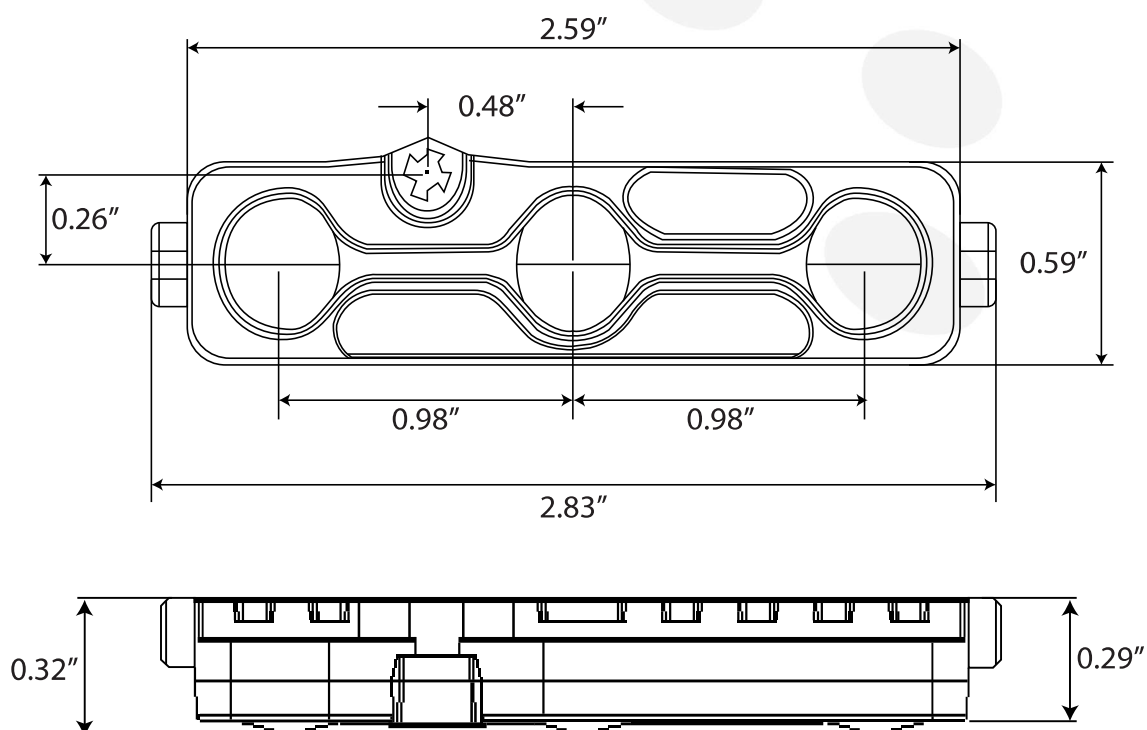
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LED Module

SKU: 157225 & 157227 Product Dimensions



SKU: 157226

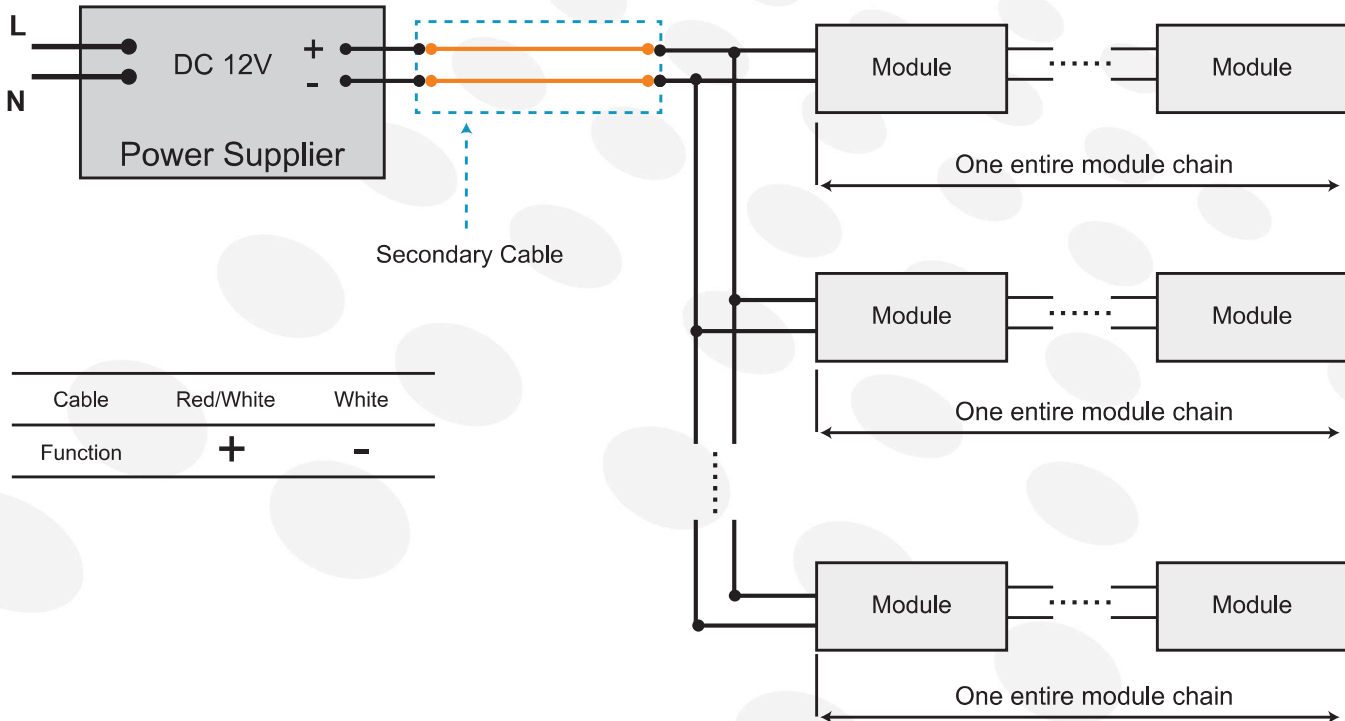


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Connection Diagram





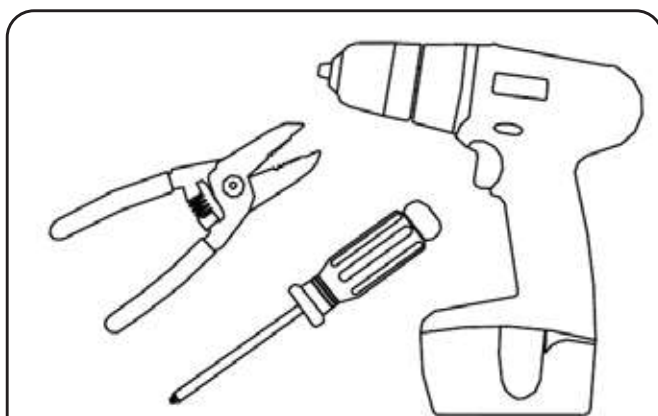
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Installation

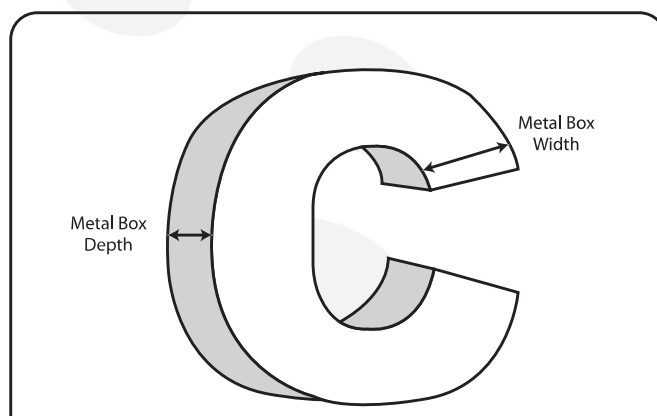
Tool required: Wire strippers, drill and screw driver and screws

1. Noting metal Box depth, width and face material, choose the suitable spacing and quantity of LED module, Carefully choose the acrylic panel, the light-diffusion and permeating of which has great effect on brightness and uniform of the light from boxes.
2. Clean and remove all debris inside the channel letters.
3. Using LED placement from Step 1, remove tapes on the backside and stick LED Module into place.
4. For firm fixing, use screws to secure the led module within the channel letter.
5. Drill the holes at the bottom or side of the letters for the wire connection to the DC power supply wire access.
6. LED Modules may be connected in series or parallel with connectors. Cap all unused wires. The strand of module should not be loop to create a closed circuit.
7. Run a wire from the Power supply to each channel letter and connect to the first LED module on the strip. Must be used with 12V Power supplies.
8. Connect the Red wire(+) of the LED Module to the Red wire (+) of the LED Power supply. Connect the black wire(-) of the led module to the black wire (-) of the power supply.



Tools Required:

Wire strippers, drill and screwdriver and screws.



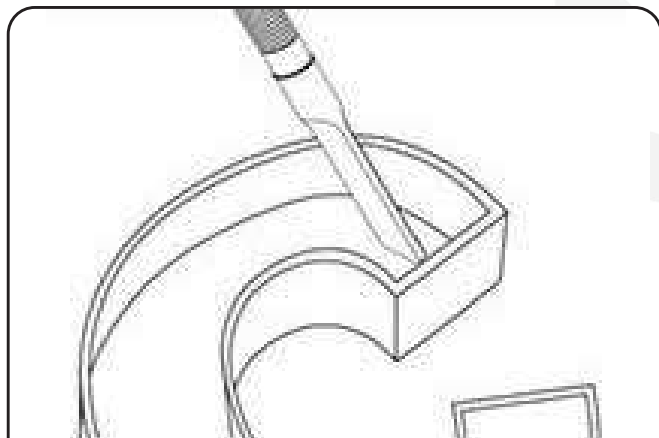
1. Noting metal Box depth, width and face choose the suitable spacing and quantity of LED module.

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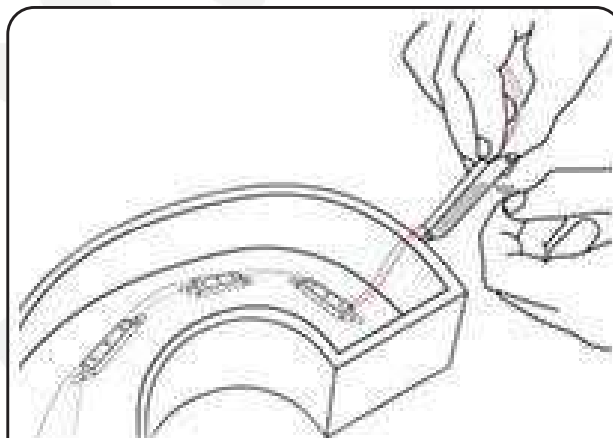
LED Module



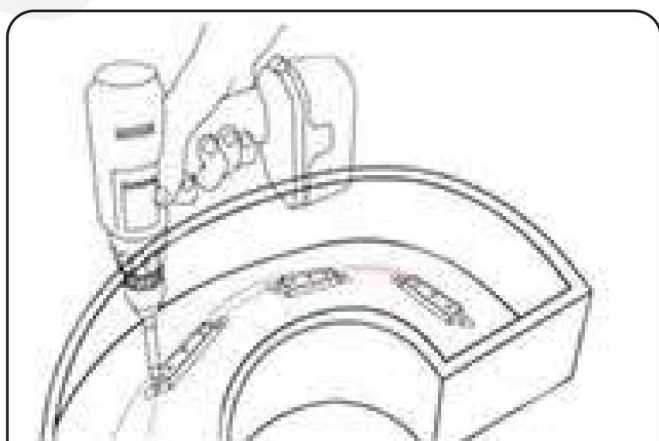
Installation



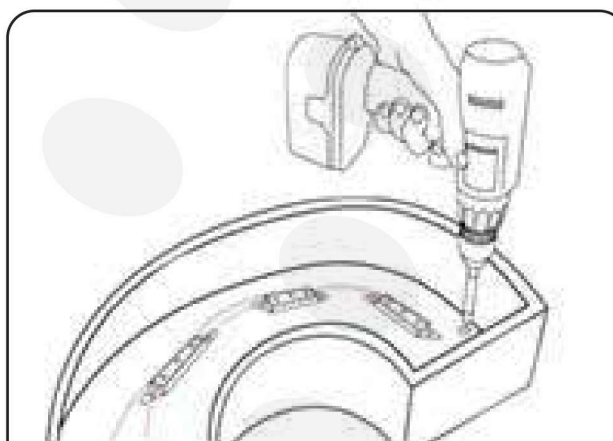
- ② Clean and remove all debris inside the Channel letters.



- ③ Using LED placement from step 1. Remove tapes on the backside and stick LED modules into place.



- ④ For firm fixing. Use rivets or screws to Secure the LED strip within the channel Letter.



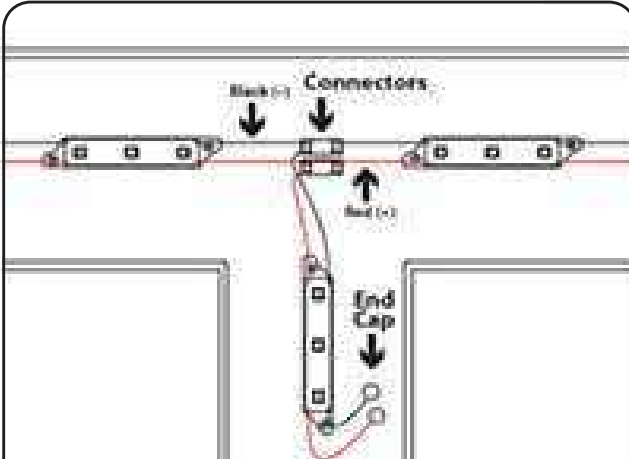
- ⑤ Drill the holes at the bottom or side of the Letters for the wire connection to DC power Supplies and grommet the hole for supply wire access



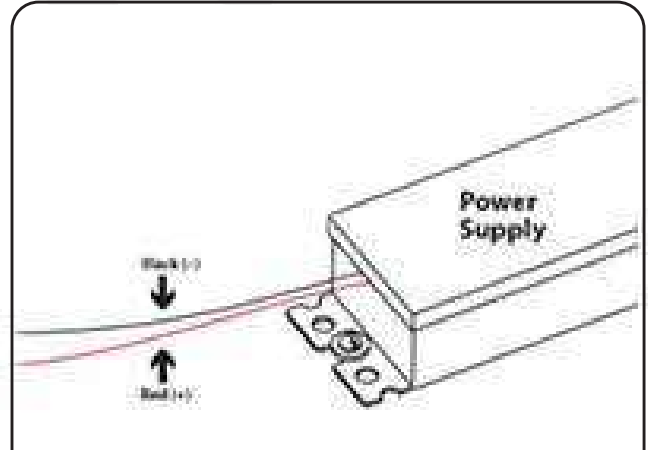
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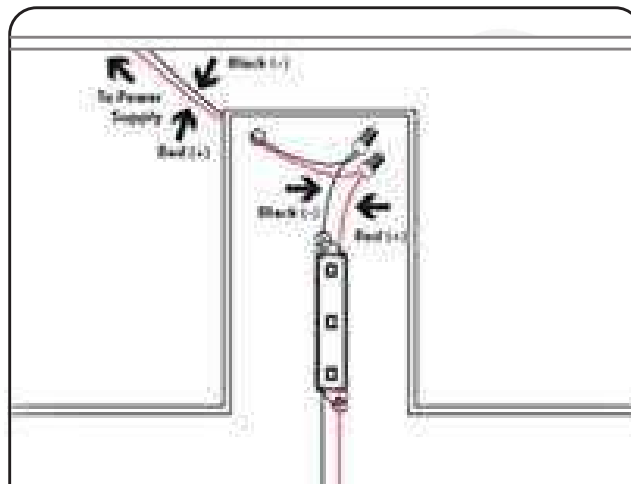
Installation



- 6 Modules may be connected in series or parallel with connectors. Cap all unused wires. The strand of modules should not be looped to create a closed circuit.



- 7 Run a wire for the Power Supply to each channel letter and connect to the first LED module on the strip. Must be used with 12V Power Supplies.



- 8 Connect the Red wire (+) of the LED strip to the Red wire (+) of the power supply. Connect the black wire (-) of the LED strip to the black wire (-) of the power supply.

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Packaging

SKU	Carton Size	Qty/Box	Net Weight	Gross Weight
157225	19.69" x 13.78" x 13.78"	2000 Pcs/Box	43 LBS	44 LBS
157227	19.69" x 13.78" x 13.78"	2000 Pcs/Box	43 LBS	44 LBS
157226	17.72" x 11.02" x 13.39"	1000 Pcs/Box	26.5 LBS	27.5 LBS

Application Image



LED MODULE



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LED Module

Application Image



Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)