

LED RIGID BAR 1102
PRODUCT SERIES DATASHEET



LED Rigid Bar 1102 Normal Color



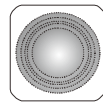
88Light LED Rigid Bar is ideal for Backlighting, Decoration and Advertising.

The rigid bar can be mounted easily.

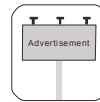
High brightness, Low power, Low voltage and low heat ensure high security.

88Light LED rigid bar is widely used in Shopping Mall, Parking lots advert, Cafe and so on.

Applications:



Decoration



Advertising



Backlighting



Jewelry Store



Shopping Mall



Exhibition hall

PRODUCT FEATURES

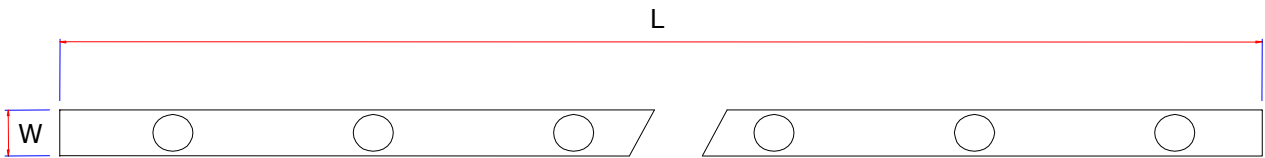
- Lightweight and slim, suitable for small spaces.
- Special lens design, 170 degree beam angle.
- High quality single color, high brightness, low luminance decay SMD Chip.
- A variety of colors to choose (6500K, 4000K, 3000K, Red, Green, Blue, 2200K).
- It is trimmable every module.
- 24Vdc low voltage, low power consumption, low heat, higher security.
- Long lifespan with free maintenance.
- Allow frequent on-off.
- Each group can be controlled independently.
- Working temperature: -20 ~ +50°C



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PRODUCT DIAGRAM

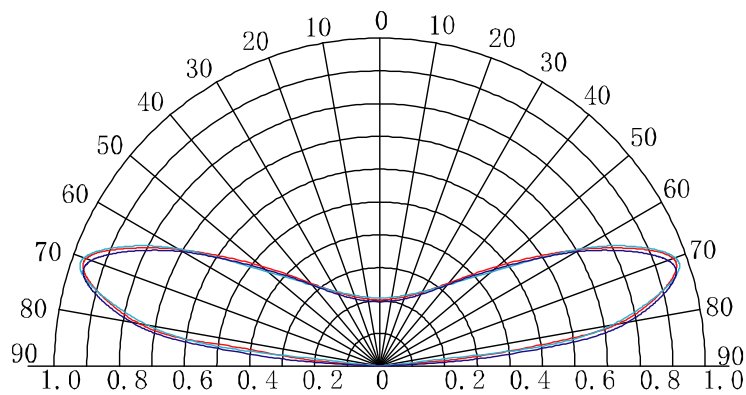


Note 1: The dimensions unit of the drawing is mm, and the pink line is cut able.

Product Name ²	L	W	H
88L-RS-1102-24V-17D-R	1100mm	26mm	8.5mm
88L-RS-1102-24V-17D-G	1100mm	26mm	8.5mm
88L-RS-1102-24V-17D-B	1100mm	26mm	8.5mm
88L-RS-1102-24V-17D-S	1100mm	26mm	8.5mm

Note 2: The dimensions of the modules don't change with the LED color.

PRODUCT LUMINOUS INTENSIT DISTRIBUTION DIAGRAM



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TECHNICAL DATA

Electrical data ³:

Product Name	Input Voltage	Power	Base	Chip	Dimmable [Y/N]	LED Qty [LED/pcs]	IP Grade
88L-RS-1102-24V-17D-R	DC24V	15W	Pads	3030	N	15	IP33
88L-RS-1102-24V-17D-G	DC24V	15W	Pads	3030	N	15	IP33
88L-RS-1102-24V-17D-B	DC24V	15W	Pads	3030	N	15	IP33
88L-RS-1102-24V-17D-S	DC24V	15W	Pads	3030	N	15	IP33

Note 3: Absolute ratings @ 25°C

Optical Characteristics ^{3, 4, 5}:

Product Name	Color	CCT(WL)	Lumen	CRI	Beam Angle [°]
88L-RS-1102-24V-17D-R	Red	620-625 nm	--	--	170
88L-RS-1102-24V-17D-G	Green	520-525 nm	--	--	170
88L-RS-1102-24V-17D-B	Blue	420-425 nm	--	--	170
88L-RS-1102-24V-17D-S	Sunset	2200K	1200	>80	170

Note 3: Absolute ratings @ 25°C

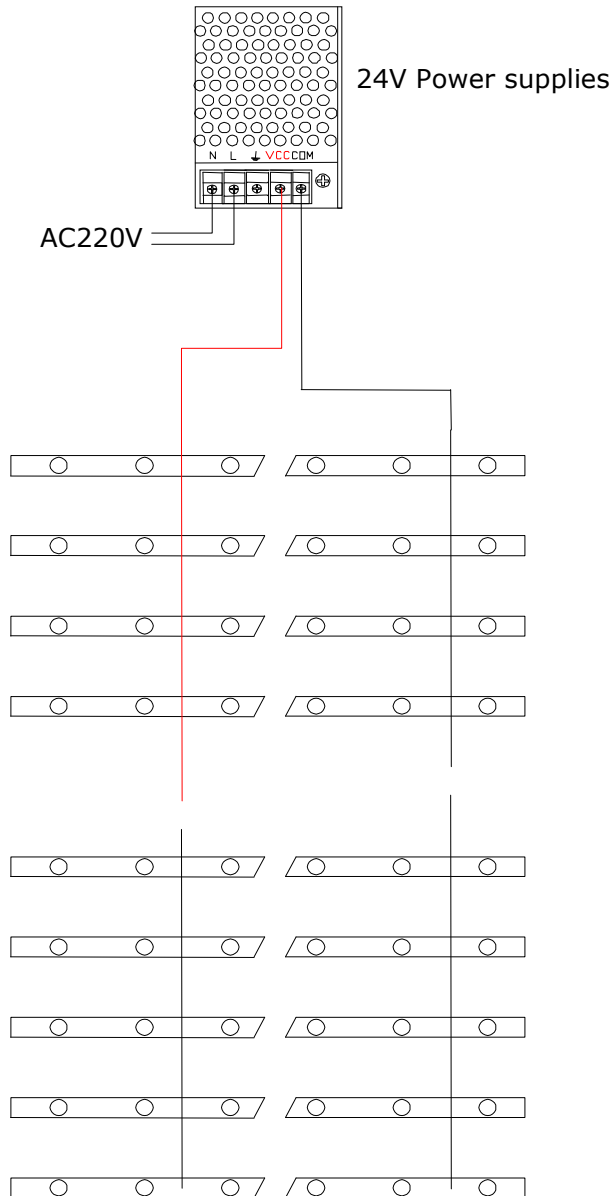
Note 4: Tolerance of measurement of luminous intensity±5%.

Note 5: Tolerance of measurement of CCT intensity ±500K for 6500K and ±200K for 3000K, 4000K.

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PRODUCT INSTALLATION



Note 6: when connect the strip modules in parallel, please use enough wires with large current, otherwise there will be large voltage drop and the modules will have different brightness between the start and end.

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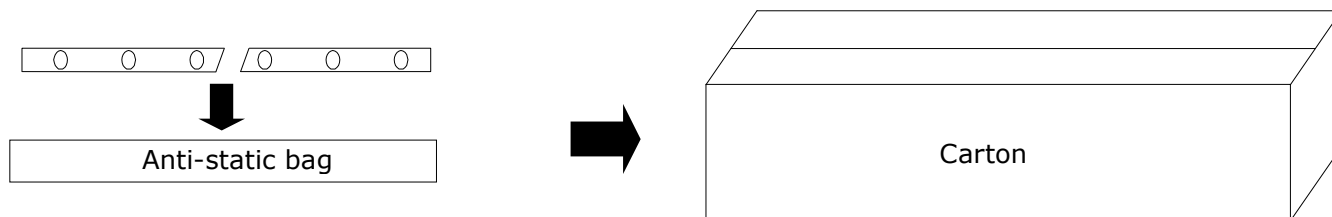
SAFETY

1. **Always** consult a qualified, licensed electrician prior to the installation of this product.
2. **Always** pre-test your strip light assembly by making all connections and connecting the strip to a power supply and ensure that all components are joined properly before they are installed.
3. Please connect correct power supplier to the controller and LED lamps follow the instructions, incorrect input voltage will damage the controller or strips.
4. Please notice the max wire length between controllers and LED lamps.
5. It is recommended that adequate airflow and heat sink be taken into account in the application and installation of this product. Improper thermal management may lead to premature failure.
6. Exceeding the operating temperature values may damage LED chips by reducing the total lamp life and lumen output, and inversely impact color consistency.
7. Avoid voltage drops by using a dedicated line for each maximum power consumption line.
8. This product should only be cut at "cut points," if it's cut at the wrong place, then some LED will not work.
9. "Voltage drop" is a gradual lessening of power through a wire over a long distance. The farther the light is from the power source, the more voltage drop will occur. Voltage drop becomes a significant factor in any LED light application when the distance between the lights and the power source is greater than 15 feet. Consult a licensed electrician and an online voltage drop calculator to learn what gauge wire will work best for your configuration.
10. The manufacturer rates each power supply for maximum power output at optimum thermal and voltage conditions. As with any power supply, true actual maximum continuous current output depends upon various environmental factors such as ambient temperature, line voltage fluctuations, and orientation that may affect heat dissipation. For optimum performance, make sure the load is between 50% and 80% of the total capacity of the power supply.
11. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.

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PACKING



Product Name	pcs/carton	Net Weight/pcs	Carton dimensions	Gross Weight
88L-RS-1102-24V-17D-R	50	195g	125×20×20cm	10.9Kg
88L-RS-1102-24V-17D-G	50	195g	125×20×20cm	10.9Kg
88L-RS-1102-24V-17D-B	50	195g	125×20×20cm	10.9Kg
88L-RS-1102-24V-17D-S	50	195g	125×20×20cm	10.9Kg

Note 7: the default package information is only for reference.

OTHER 88Light PRODUCTS:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website

www.88light.com

DISCLAIMER:

88Light reserves the right to modify the design of our products as part of the company’s program of continuous improvement. 88Light cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.