

MANKUN

Manufacturer Of LED Lighting Solution



Double temperature LED light bar

Uniquely versatile



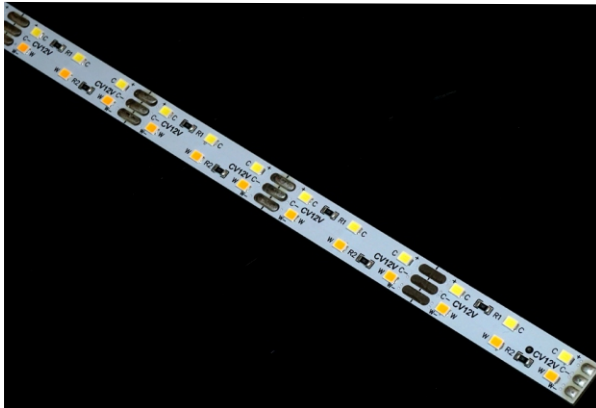
Liven up your rooms with light

The MultiBar LED bars impress with their unique versatility. Thanks to the easy-to-use plug-in system, the strips can be connected to long light strips with even LED spacing without soldering and can even be laid around corners and curves.

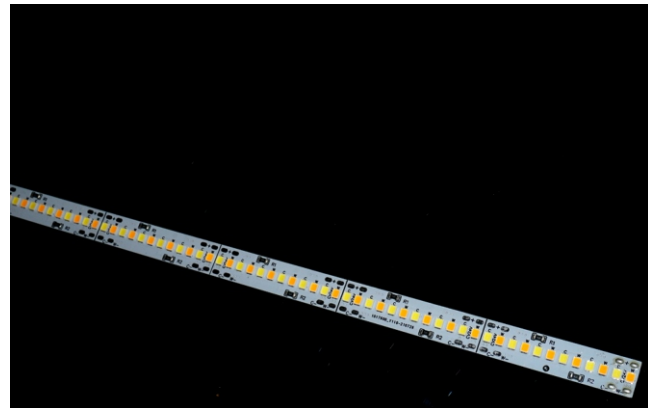
The strips can be divided and, thanks to their flat design, can be placed almost anywhere. Ideal for trade fair construction, decorative lighting but also for room illumination. Thanks to the high CRI value of over 90, colors appear particularly natural.

The MultiBar is optionally available in white or warm white, each equipped with 60 or 120 high-luminosity Samsung LEDs. All MultiBar bars are infinitely dimmable. The bright Samsung LEDs of the CV12V series generate up to 24V lumens per LED strip with a high CRI value of 90.

MultiBar60 LED strip



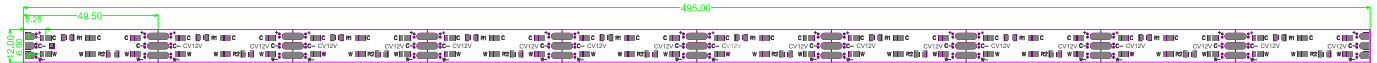
MultiBar120 LED strip





Technical specifications

MultiBar60 LED strip

- System Effizienz 120lm/W
- SAMSUNG on board
- 5SDCM MacAdam
- CRI 90+
- 12V
- 5 years warranty
- Dimmable
- no cooling
- teilar divisible
- Steck-System Easy to plug

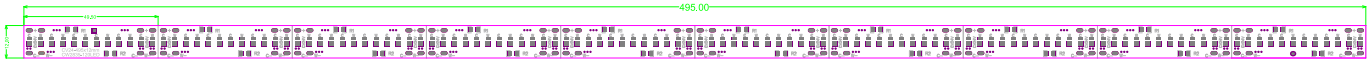




Type	Typ. luminous flux at tp = 30 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Typ. forward voltage at tp = 30 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Efficacy of the module at tp = 30 °C	Dimensions
60 LEDs strip 	1,170lm	4,000K	>90	12V	750mA	9.0W	130lm/W	495x12x2.5mm
60 LEDs strip 	1,080lm	3,000K	>90	12V	750mA	9.0W	120lm/W	495x12x2.5mm

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MultiBar120 LED strip

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120 LEDs strip 	2,340lm	4,000K	>90	24V	750mA	18.0W	130lm/W	495x12x2.5mm
120 LEDs strip 	2,160lm	3,000K	>90	24V	750mA	18.0W	120lm/W	495x12x2.5mm



Multiple proven

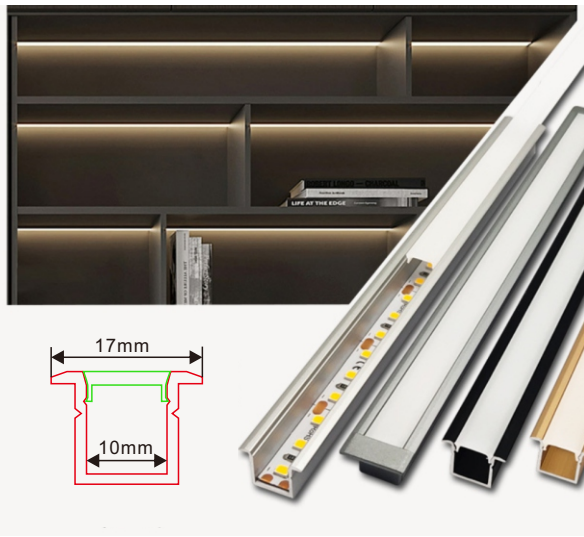
The MANKUN® MultiBar LED strips are equipped with high-quality LEDs from the world market leader Samsung.

The strips, which have been tried and tested 100,000 times, have an enormous system efficiency of up to 130 lm / W. Thanks to Samsung Binning, the MultiBar generates particularly even white light. Despite the high luminosity, no cooling is required even in continuous operation.

Installation made easy

Lay long light strips in the shortest possible time without any soldering. With the clever connectors, the LED strips can be joined together seamlessly, even around curves and corners. Practical screw holes make it easier to attach the strips. The connection diagram on the following pages shows you how easy it is.

The 12V/24V connection technology gives you many options with regard to the power pack and with the practical power supply adapter, your lighting installation is quickly connected to the mains.



In combination with the optionally available aluminum profiles, the light strips have an elegant look.

MultiBar LED bars - versatile and effective



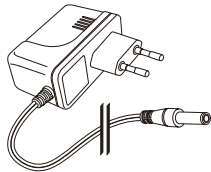
Compact and quickly installed anywhere



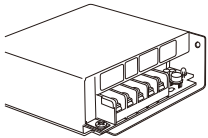
The Samsung LEDs ensure high luminosity

System overview and connection diagram

1 Power supply units



Plug-in power supplies for the socket.



Built-in power supply units for connection to the mains.

Connection example 1



Plug-in power supply

Power supply adapter

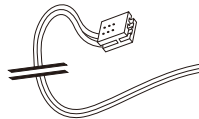
Connection example 2



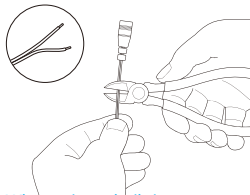
Built-in power supply

2 Power supply adapter

Connects the power supply to the LED bar.



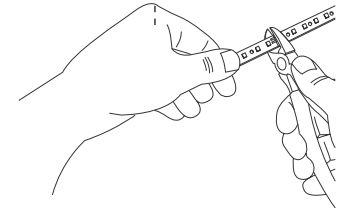
Power supply adapters for plug-in power supply units are available in different lengths.



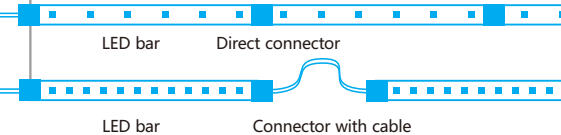
When using a built-in power supply, shorten the adapter connection and connect it directly to the power supply.

3 MultiBar LED strips

Each LED bar is equipped with 60 or 120 LEDs and can be separated after 6 LEDs or 12 LEDs.

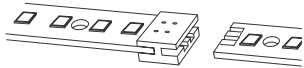


Diagonal cutters are required for shortening. Only shorten where the golden contacts meet (after 6 LEDs or 12 LEDs each).

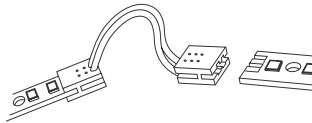


4 Interconnects

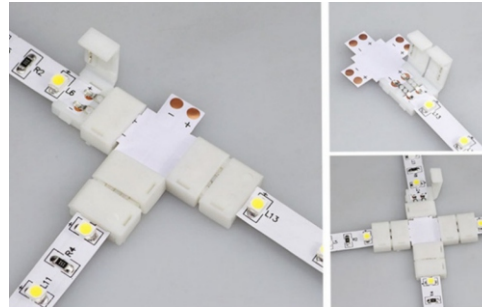
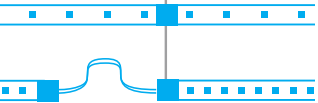
They can be used to connect several MultiBar LED strips in a row:
MultiBar 60 LEDs: up to 9 bars
MultiBar 120 LEDs: up to 5 bars



Direct connector for constant LED spacing.



Connector with cable for laying around corners or with longer distances.



Direct connectors are designed so that the distance between each LED is exactly the same when using several strips . Gold-plated contacts ensure an excellent flow of current.

The connectors with cables offer another option . They enable use across corners, edges or curves.

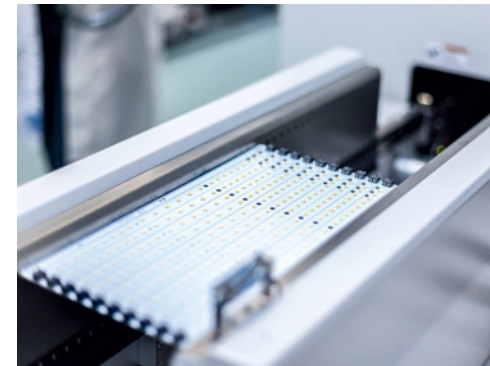
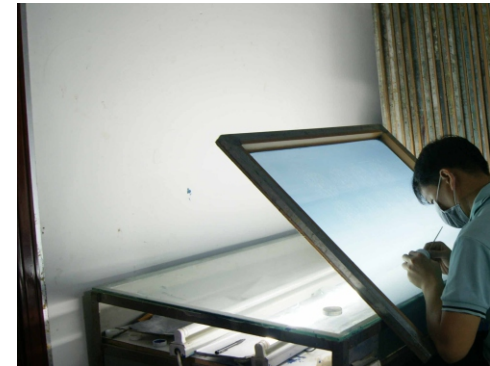


MANKUN ® develops and manufactures tailor-made LED solutions for you

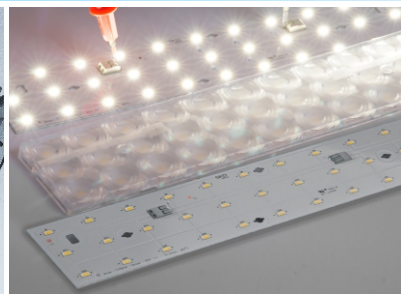
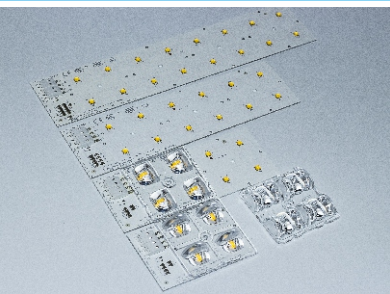
Tell us the desired color temperature, power, brightness or other requirements - MANKUN ® supplies the right high-tech light source for your luminaire or application.

As one of the largest LED distributors, we have specialist knowledge in many industries. Whatever your product is made of - thanks to in-house development and in-house, ultra-modern production, MANKUN ® provides you with tailor-made, customer-specific solutions, optimized for your applications.

With MANKUN ® you have a strong partner that you can rely on. Our quality management, certified according to DIN ISO 9001, covers all areas - from product development to customer service.



High-Performance LED-Technologies & Solutions



MANKUN
Manufacturer Of LED Lighting Solution

Add: No.40 Shinan Street,Dawen Village,DongchongTown,
Nansha District,Guangzhou City,China.
P.C.:511453

Tel: +86-20-3483-2899
Fax: +86-20-8072-0030
Mob: 133 9261 9948
E-mail: bellum@mankun.net

Web: www.mankun.net
www.mankun.net.cn



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