

MICRO-LED Mini Flat

After years of research & development, we've invented a revolutionary product in the lighting industry. Using new LED technology and surface mounting technology(SMT), We have manufactured a unique product for linear lighting - MICRO-LED(mini flat).

The compact design of MICRO-LED(mini flat) makes it very bright, light-weighted, flexible, waterproof and energy saving. Its flexibility and waterproof natures make it BENDABLE TO ANY SHAPE & FORM and APPLICABLE IN ANY APPLICATION & ENVIRONMENT. Because it's light weighted, you can even use double-side tape to fix it.

MICRO-LED(mini flat) will definitely create another climax in the lighting industry. It is the FINAL SOLUTION TO ALL LINEAR LIGHTING.

It's not magic, but you will never find another lighting device which is so close to be claimed as final & complete solution. With all of the inherent advantages of LEDs, MICRO-LED thin dimensions, high level of flexibility, & 100% waterproof nature provide you with a perfect product that can be sold across different market segments. Ranging from sophisticated architects to local contractors. Everyone can benefit from the wide range of applications & user-friendly installation which they have never experienced before.

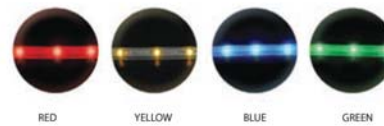
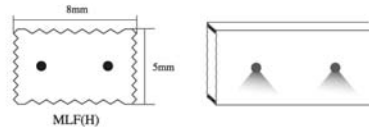
MICRO-LED(mini flat) is an ideal lighting fixture for building outline, coves, under cabinets, aisles, RVs, boats & hundreds of other applications based on your imagination.

Features:

- Bending angle: 180°
- Available with 150 degree light-spreading LEDs.
- LEDs are available for red, yellow, white, green and blue colors.

Benefits:

- MICRO-LED(mini flat) provides a low power consumption low heat, low voltage lighting solution. It is an ideal product, which provides edge illumination for back lighting, walkway lighting, or illumination for any difficult-to-light area. It is thin and flexible as cable, and with its high tech surface mounting LEDs, the whole system is ideal for any high profile application.
- Clip system for quick and easy installation.
- With different accessories, MICRO-LED(mini flat) could be used for different applications, such as back lighting, stairway lighting, contour illumination, etc.
- Thin and flexible, it can be bent or twisted to fit your designs.
- User friendly, easily cut and connected.
- Suitable for indoor and outdoor uses; nearly free of maintenance.
- Quality PVC jacket makes (mini flat) waterproof and safe.



Specifications: (120V/24V/12V)

Item No.:	MLF(H)-2W-5x8-300-120V		MLF(H)-2W-5x8-100-24V		MLF(H)-2W-5x8-300-12V	
Length in Roll:	300Ft		99.7m		300R	
Dimension:	5 x 8mm		5 x 8mm		5 x 8mm	
LED Spacing:	1"		27.7mm		1"	
Total LED Qty. (pcs):	3600		3600		3600	
Total Watts (W):	144W	240W	144W	288W	144W	288W
LED Qty. per unit (pcs):	60	36	12	6	6	3
Cutting unit:	5Ft	3Ft	0.33m	0.17m	5Ft	0.25Ft
LED Color:	R, Y	G, B, W	R, Y, O	G, B, W	R, Y, O	G, B, W
Watts per Meter:	0.48W/Ft	0.8W/m	1.44W/m	2.89W/m	0.48W/Ft	0.96W/Ft
Max.length with 1.6A converter:	400Ft	240Ft	26.4m	13.6m	40Ft	20Ft
Max.length with 4A converter:	1000Ft	600Ft	50m	34m	82Ft	50Ft

MICRO-LED Mini Flat-6V

Carpet Guide & Border for LEDDURAFLEX

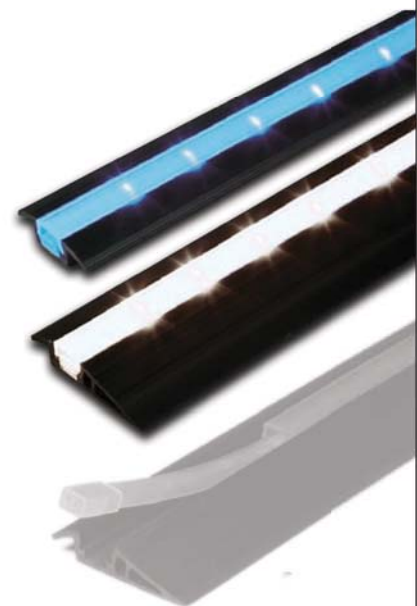
LED Linear Lighting of Low Voltage should be normally connected with DC transformer. This tends to limit the applications to which the LED LINEAR Lighting can be applied as the capacity of transformer limits the length of LED Linear Lighting. As we know, other manufacturers produce LED Linear lighting of high voltage with AC power cord cannot solve the flickering problem when plugged in. With more than 25 years experiences of rope light production, we invent AC to DC converters power cable, which not only can solve this kind of problem but also can enhance the brightness of LED Linear Lighting. This special AC to DC converter power cable are already patented in China and also pending for American and European markets.

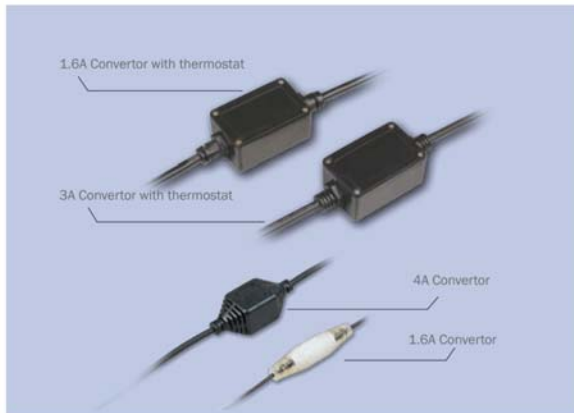
6V

Free-Cutting at any length!!

Specifications: (6V)

Item No.:	MLF(H)-2W-5x8-300-6V			
Length in Roll:	300 Ft			
Dimension:	5 x 8 mm			
LED Spacing:	1"	2"	3"	4"
Total LED Qty. (pcs):	3600	1800	1200	900
Total Watts (W):	432W	216W	144W	108W
LED Qty. per unit (pcs):	1	1	1	1
Cutting unit:	1"	2"	3"	4"
LED Color:	R/G/B/Y/W/O	R/G/B/Y/W/O	R/G/B/Y/W/O	R/G/B/Y/W/O
Watts per Meter:	1.44W/Ft	0.72W/Ft	0.48W/Ft	0.36W/Ft
Max. LED Qty.:	150 pcs			





Measure the power consumption of the total length and use the appropriate power supply. Connect with our patented, specially designed AC /DC Converter Power Cable.

Proprietary AC/DC power converter cable

LED Linear Lighting of Low Voltage should normally be connected with DC a transformer. This tends to limit the applications to which the LED Linear Lighting can be applied because the capacity of the transformer limits the length of the LED Linear Lighting. As we know, other manufacturers produce LED Linear lighting of high voltage with an AC power cord but cannot solve the flickering problem when plugged in. With more than 25 years of experiences in rope light production, we have invented an AC to DC converter power cable, which not only solves this kind of problem but also enhances the brightness of LED Linear Lighting. This special AC to DC converter power cable is already patented in China and patents are pending for the American and European markets.



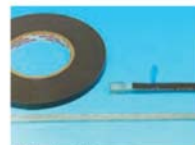
Important Installation Tips:

For small scale projects, like under cabinet & stairway, we recommend the use of our 6V free cutting version because it will provide users more flexibility in required length.

For large scale projects, like building outlines & outdoor decoration, we recommend the use of both the line voltage version(120V) & the 6V free cutting version. The line voltage version can run longer length and the 6V version can fill up the narrow endings which can not be fulfilled by line voltage version.

Quick And Easy Installation:

1. Use qualified double-side tape e.g. 3M.
2. Indoor and dry location used only.
3. Suitable for smooth surface like Wooden, Plastic, Glasses, Non-rust, Metals, and Porcelain.



1. Double-side tape



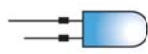
2. Stick the double-side tape on the bottom of the MICRO-LED



2. Stick the MICRO-LED on the surface.

Warning:

1. Do not plug MICRO-LED Mini Flat into power source before installation is completed.
2. Except for the 6V version, MICRO-LED Mini Flat can only be cut at the indication marks with shears or sharp scissors.
3. Ensure that MICRO-LED Mini Flat and power source have the same voltage.
4. Pay close attention to the polarity, when connecting two pieces.
5. Use specified converter only. Consult qualified contractor if necessary.
6. To avoid fire and shock hazard, do not use if outer insulation is damaged.
7. Apply glue on the end cap for indoor or outdoor use.



Connecting

Easy Connector :



Front Connector Includes:
Measure the power consumption of total length and use the appropriate power supply. Please connect with our patented special designed AC/DC Converter Power Cable.



Splicable Connector Includes:
Use our special designed splice connector with splice tube to connect two sections of MICROLED together. And apply silicon glue on the connector.



Attachable End Cap:
The end part of MICROLED must be put with end cap and also apply silicon glue on the end cap.

Installing

How to use:

As shown below, it is very easy to install the LED^{MICROLED} Mini Flat



1. MICROLED Mini Flat must be cut only on the indicated mark .



2. Before connecting, with connectors, bending MICROLED Mini Flat inwards and outwards. Extra copper wires need to be cut with nippers.



3. To install on the hard surface such as wooden board or wall, use our fixing clip to fixate the MICROLED Mini Flat.



Channel 1



Channel 2



Channel 3



4. For free design, use metal wire to shape and use tie strips to secure MICROLED Mini Flat

Accessories:



Shell-Shape



L-Transparent Connector

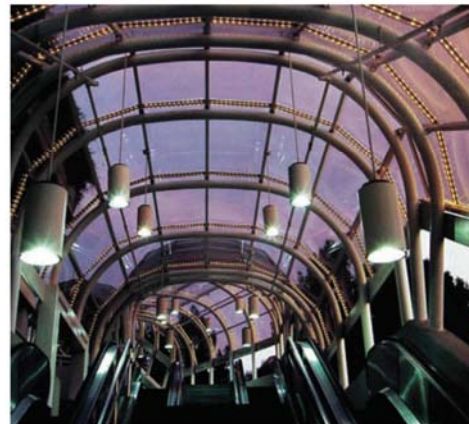


T-Transparent Connector



X-Transparent Connector

Package:



MICROLED

MICROLED

MICROLED



Product details are subject to changes of appearance and specifications without notice, please refer to the real entity.