SUPERLIGHTINGLED

LED Flexible Pixel Screen
User Manual

To optimize user experience, please install and use the light according to the following instruction.

⚠ Warning
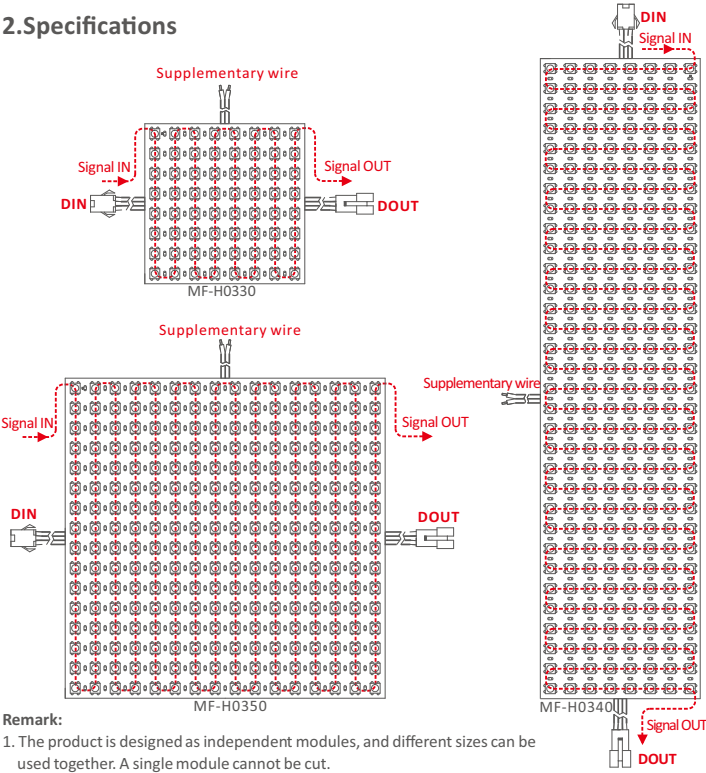
(1) Please check if the light and the parts are intact before installation.
(2) Make sure to cut off power before installation.
(3) Please do not place this light in corrosive conditions.
(4) If there is any damage to the cord, please cut off the power and stop using it immediately.
(5) Wrong connection may lead to the kit getting damaged. The warranty range excludes the damage caused by wrong connection.
(6) To ensure the light works properly, please use the voltage indicated on the packing.
(7) To avoid any damage to the light, please do not use chemical solvent during routine maintenance.

1.Product Parameter

Model	MF-H0330	MF-H0340	MF-H0350
Power	Max:16W	Max:51.2W	Max:51.2W
Size	80x80mm	320x80mm	160x160mm
LED QTY	64PCS	256PCS	256PCS
Color	RGB		
Input Voltage	DC5V		
IC Type	WS2812B Built-in IC		
LED Spacing	10mm		
LED Type	SMD5050		
Life	50000H		
Protection Rating	IP20		
Workting Temperature	-20~45℃		

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2.Specifications

Supplementary wire

Signal IN
DIN → Signal OUT
DOUT

MF-H0330

Supplementary wire

Signal IN
Signal OUT
DIN → DOUT

MF-H0350

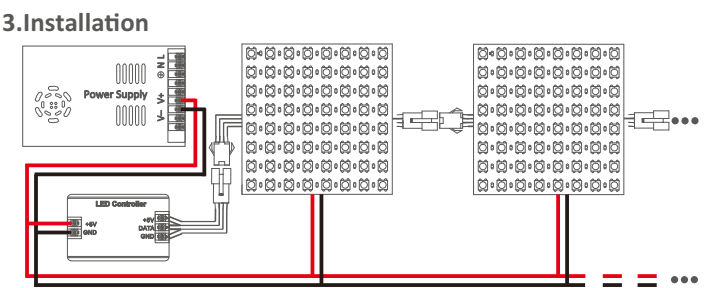DIN
Signal IN

Supplementary wire
Signal OUT
DOUT

MF-H0340
Signal OUT
DOUT

Remark:
1. The product is designed as independent modules, and different sizes can be used together. A single module cannot be cut.
2. The LED has a built-in WS2812B IC, and the data protocol uses a single-wire return-to-zero serial communication method.The red dashed line in the diagram above represents the signal transmission sequence, where DIN is the signal input, and DOUT is the signal output. The signal input and output cannot be connected in reverse, otherwise, the LED will not work, and incorrect wiring may cause product damage!

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3.Installation

Power Supply
LED Controller

Tips:
1.Please use the correct installation way.
2.This product does not include power supply and controller; please match them according to the actual application requirements.
3.To ensure product brightness and stability, it is necessary to connect the supplementary power supply.
4.Adopt suitable power supply to match the LED Flexible Pixel Screen. Power is 20% bigger than Max, Power of the LED Flexible Pixel Screen to ensure the long time performance of power supply.
5.When multiple power supplies are required, it is recommended to disconnect the red wire of the SM-connector to prevent the formation of a loop between the two power supplies, which can result in a convection phenomenon and damage the power supplies.
6.Please do not stare at the light for a long time when it is working to protect your eyes.

Manufacturer:Super Lighting LED

https://www.superlightingled.com/

Made in China

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