

Product Specification



Name: 5W Module, 175° degrees angle
Item No: DV-LSWM-5S2835-X-175P

Application: Light Box, depth from 8cm to 20cm, back light
Public place, commercial light

INTRODUCTION

5W LED module, we use aluminum plate circuit board, fast heat transfer diffusion, droop small. Used for light box . With Plus lens, Light Angle is 175 degrees, Make the light more together, no spot ,Good color uniformity, it is used for light box, depth from 8cm to 20cm. We suggest 10pcs 5w module in 1 square meter, non-dark, non-spot!

FEATURE

Constant Voltage design, Back light

Input voltage DC12V

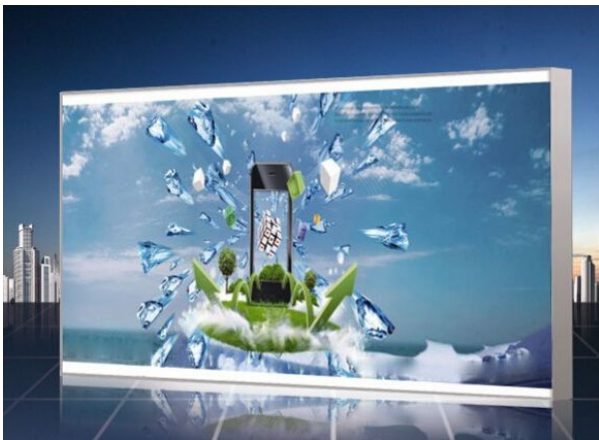
Waterproof indoor and outdoor use

Angle of 175 degrees

20 module in cascade, each module can be cut

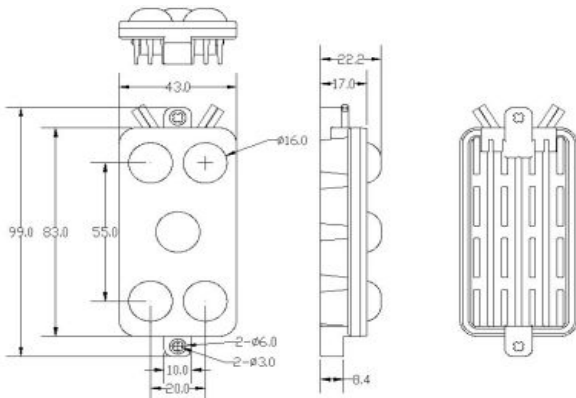
Easy installation and low maintenance

Can be dimmable by dimmable constant voltage power

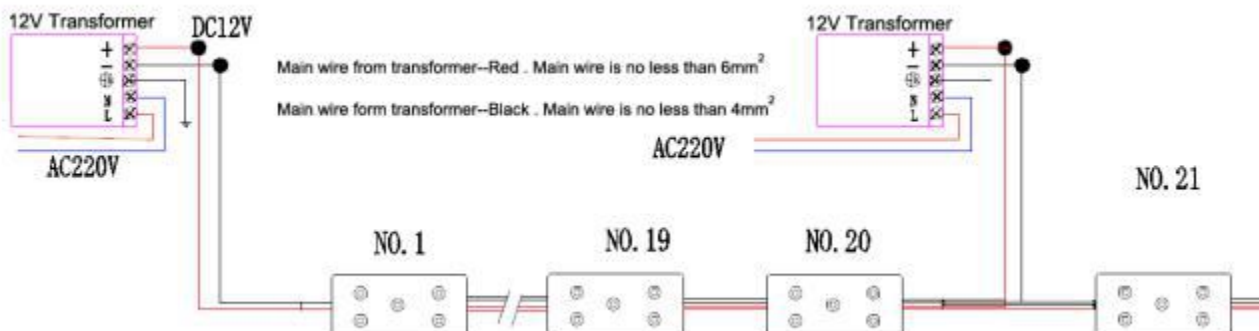


supply

Specifications of 1 piece of led strip:



Connection diagram, power connection



notice:

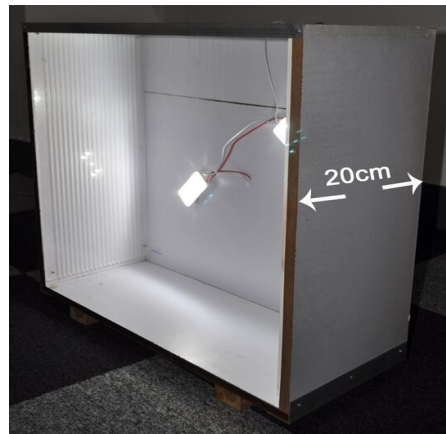
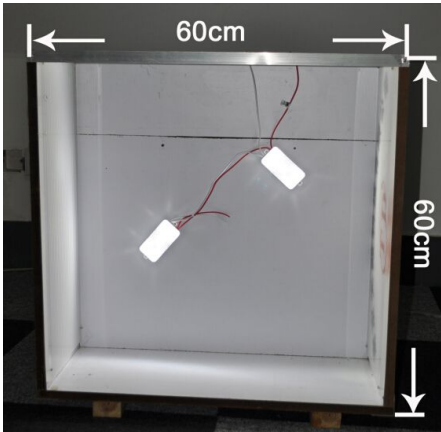
- 1、 Connection to the power Supply, Every 20 modules is 1 cascade, Maintain uniform brightness.
- 2、 Please avoid electricity leak when installation.
- 3、 The main wire from transformer to led is no less than 6mm²

DATA SHEET

Model number	DV-LSWM-5S2835-X-12-175
Specification	83*43*22.2mm
Rated Power	5W
Power Supply	20%-25%more than the rated power
Body Main Materials	ABS
Luminous Flux	93LM/W
Intensity	465lm
color	Warm white/Pure White/Cold White
Color Temperature(optional)	3000K-3500K 6000K-7000K 9000-12000K
Current Consumption /Each group	460MA
Input Voltage	DC12V
Working Temperature	-25℃~+60℃
Storage Temperature	-25℃~+70℃
IP Rate	IP65
Packing	20pcs/strip 1strip/ plastic packaging
Installation	Screw/glue

Installation example (The thickness of 20 cm light box):

Sample Box is 60cm*60cm, Only 2pcs 5w module inside



Installation Instruction:

A. Make sure surface clean before installation.



B. Max QTY in 1 cascade is 20pcs, if electricity is single way.

C. When installation, take off the glue sticker on the bottom of the module, to fix the place, in the box.

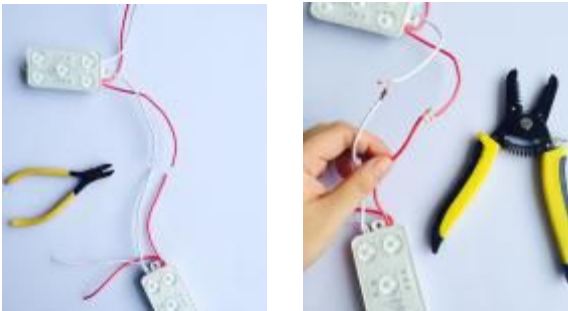


Then you can fix by screw or by plastic glass.



D. Connection between modules

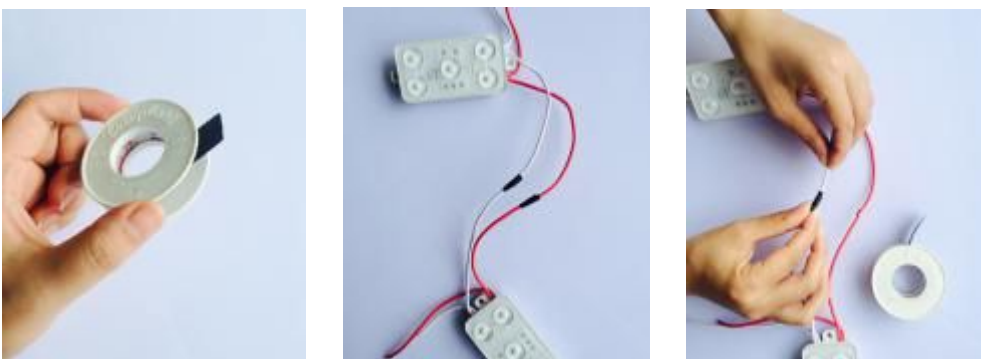
① Cut the wire and make 10mm bare wire out



② Make sure white wire connect to white wire, red wire connect to red wire.



③ Then protected by insulating tape separate.

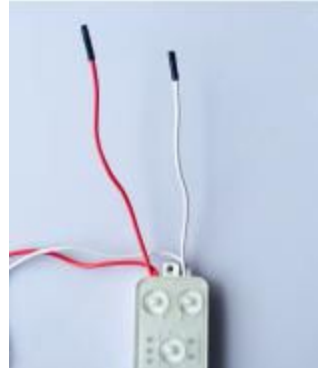
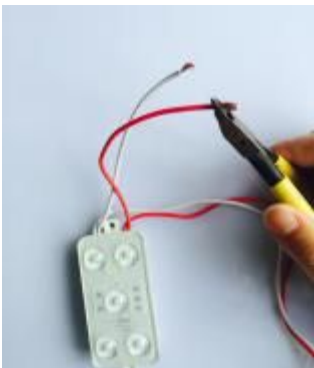


E. Connection to transformer: Red wire is positive wire + , connect to positive wire in transformer. White wire is negative wire - , connect to positive wire in transformer. Make sure waterproof protect, please use waterproof glue, to protect the connection part between LED and transformer.

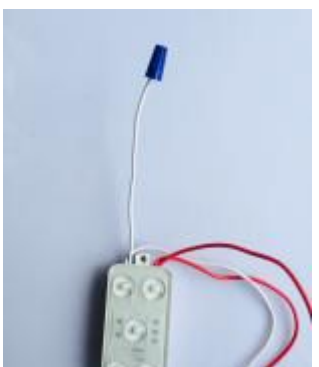


F. Protect the end of the wire;

① Cut the wire, use the insulating tape to finish.



② Keep the end of the wire 10mm. And use the end cap to fix it.



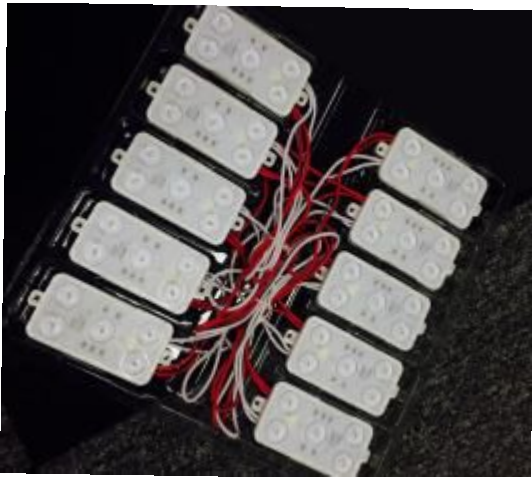
G. You can not use module outdoor without any cover or protect.

H. Please do not install LED when the electricity is on.

Attention:

- A. Please take the LED gently;
- B. Please do not keep the stock of LED in the corrosion, the explosive place.
- C. Please make sure to cut off the electricity when installation debugging and moving.
- D. Do not install LED near the heat.
- E. Make sure each connection is correct.
- F. Please do not open the cover of the LED.

Packing instruction:



- ※Each carton loading 300 PCS modules
- ※Carton size: 520 * 320 * 320mm
- ※Gross weight (GW) : 22.5 kg (1 + / - 10%)