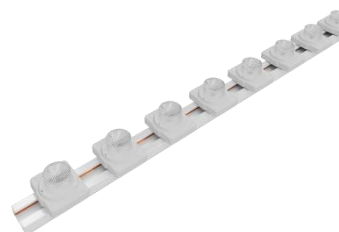


Specification

Item No.:

TL 1,5W Edge-11	1-LED SMD2835 DC12V 1.5W Constant current LED Module With 15*50° Light Angle
TL 1,5W Edge-12	1-LED SMD2835 DC24V 1.5W Constant current LED Module With 15*50° Light Angle

Product Pictures:



Product Features:

- ◆ Non wire design, the module is fixed on the guide rail
- ◆ 15*50° Side Lighting, With 15*50° Light Angle
- ◆ Each LED Modules spacing can be adjusted according to actual application ◆
Knob installation, better stability, quick for replacement;
- ◆ Long cascade guide rails, one piece of rail can max connect up to 160 modules
- ◆ With CE & ROHs approved, reliable quality

Application:

- ◆ Suitable for 1-2m pair lighting; 8-16cm double-sided light box; 6-15cm single-sided light box, and it can be used with the guide rail as an advertising light box.

Parameters:

Item No.,	LED Color	CCT (K) Wavelength (nm)	CRI Ra	Color tolerance SDCM	Beam Angle (°)	Luminous Flux (lm)	Lighting effect (lm/W)	Input Voltage (VDC)	Current (mA)	Power (W/pcs)
TL 1,5W Edge-11	White	3000 4000 6500 12000	≥80	≤5	15*50	120	80	12	125	1.5
TL 1,5W Edge-12	White	3000 4000 6500 12000	≥80	≤5	15*50	120	80	24	63	1.5

Other Parameters:

Item No.,	LED Qty	Install method	Recommend Module Spacing	Storage temperature (°C)	Working temperature (°C)	weight (g/pcs)
TL 1,5W Edge-11 TL 1,5W Edge-12	1LEDs	Rail install	40-120mm	-25°C-55°C	-20°C-50°C	8.8

Remark:

- (1) Test environment temperature is 25±2°C (normal temperature);
- (2) The above data is typical, the actual parameters of the product may differ from the typical data; the data is subject to change without notice;
- (3) The above "-" indicates that the parameters of this product are not required at the moment.

CE

RoHS

Rail Module

DC 12/24V

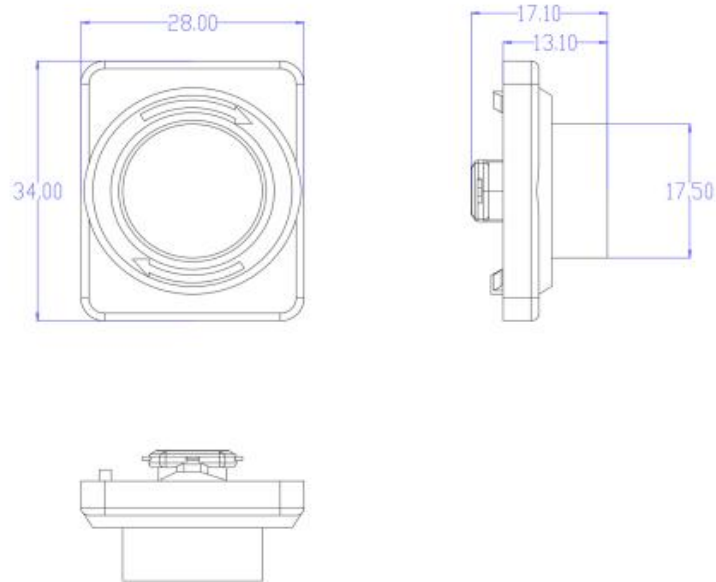
2835 SMD

IP 20

3 Years Warranty

UL

Dimension:



Module Layout Density Guidelines:






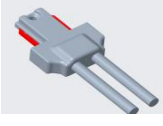






Lightbox thickness DH (mm)	LED Spacing DS (mm)	Layout Density PCS/m ²	Surface illumination (DW=1M)LUX
60	40	50	1100-1200
80	50	40	850-950
100	60	33	700-800
120	70	28	600-700
160	80	25	500-600

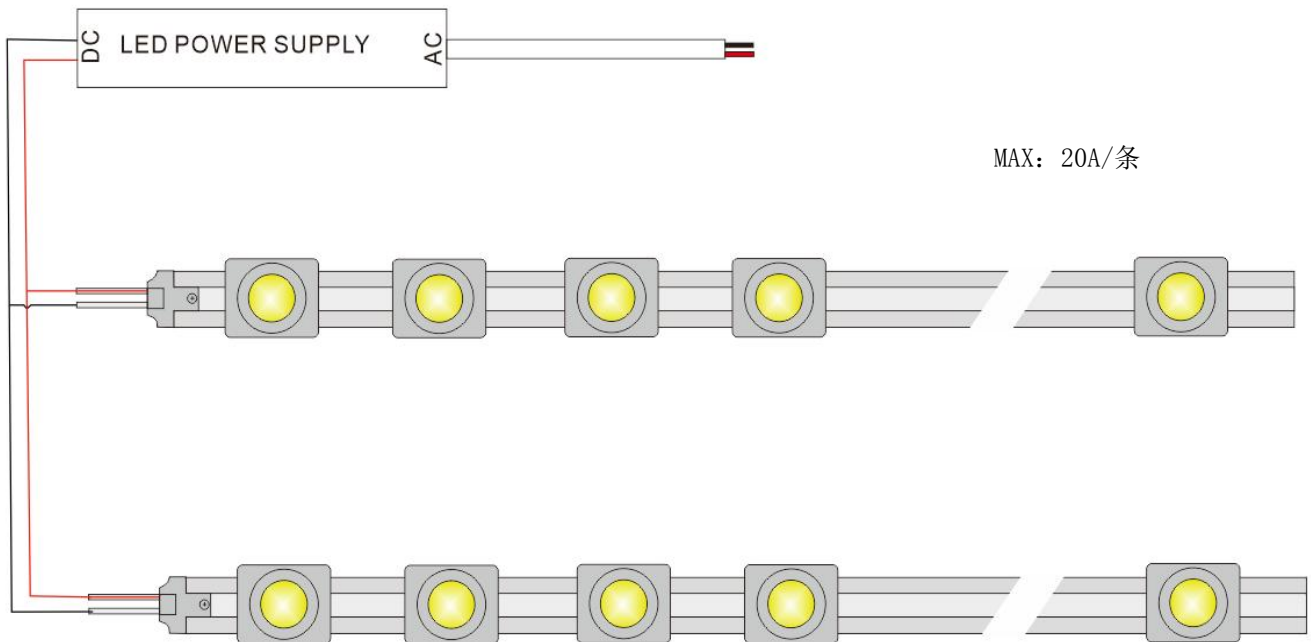
Remark:

- (1) The above lighting data is tested by the corresponding product 6500K color temperature
- (2) Thees rail modules are installed on both sides of the light box, using white color light box banner with a light transmittance of 30%;
- (3) he data just for reference

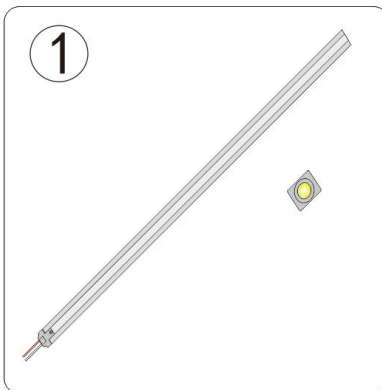
Accessories (Option):

Accessory	Image	Accessory No.	Function
Rail			Fixed led modules and connect the module to take power
500mm Cable+ Rail Connector	  		<p>LED modules take power through rail connectors</p> 
500mmCable+ straight Rail Connector	 		<p>Connect the Power supply to Rail</p> 
Rail Plug			Insulation protection/prevention of exposed copper
Straight Connector			<p>rail extension connector</p> <p>(The max length of the extendable guide rail: 20m</p> <p>The load current CAANOT more than 20A)</p>

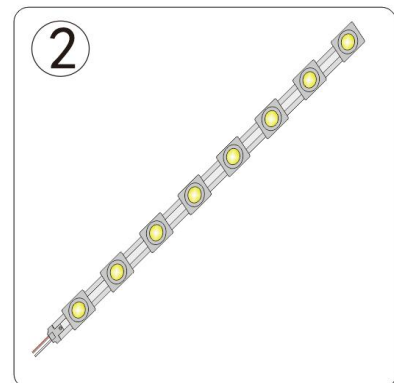
Connection Image:



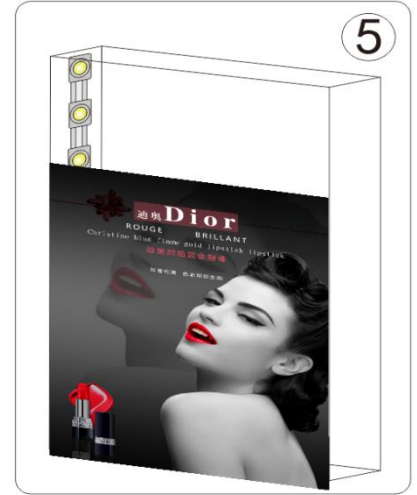
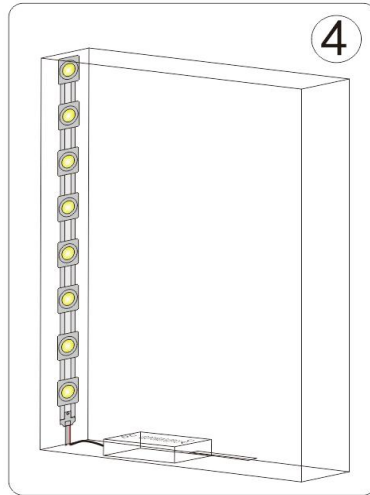
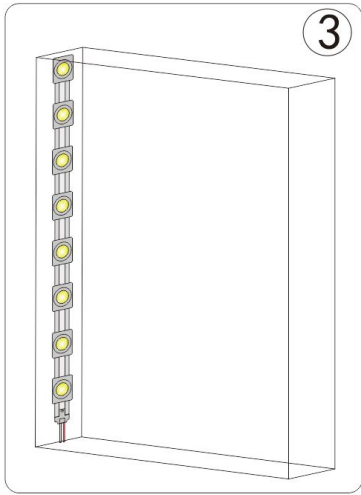
Installation Step:



1. Use a caliper to measure the length of the light box, and match the guide rail of the corresponding length according to the measured length for the light box.



2. Refer to the led module layout data to install the guide rail module. After installation, connect the straight guide rail connector to the guide rail to test whether the module works normally.



3. Use a brush to clean the debris on the installation surface for lightbox, tear off the back tape of the guide rail, and fix the two guide rails on both sides of the light box. (The double-sided light box guide rail stick on centered, and the single-sided light box guide rail stick close to the side of the bottom plate)

4. Connect the rail connectors on both sides to the power supply. Then power on to test whether the led module can work

5. After test, then put the banner under the light box.

Case:

