


# Specification



**SN-C403**  
Light box-LED Edge Bar

<b>24V</b> DC	<b>IP65</b> IP	<b>1818</b> LED	<b>3years</b> QA
<b>15X45°</b> View angle	<b>CE</b> compliant	<b>RoHS</b> compliant	<b>FC</b> compliant

Best use: widely used in 6-20cm thick single and double side advertising light box, also suitable for outdoor projection lighting.

Model	Voltage	LED	Power	Size A	View angle	Color
SN-C403-6D-300	DC24V	CSP1818	15W	300mm	15X45°	6500K
SN-C403-8D-400	DC24V	CSP1818	20W	400mm	15X45°	6500K
SN-C403-10D-500	DC24V	CSP1818	25W	500mm	15X45°	6500K
SN-C403-20D-1000	DC24V	CSP1818	50W	1000mm	15X45°	6500K

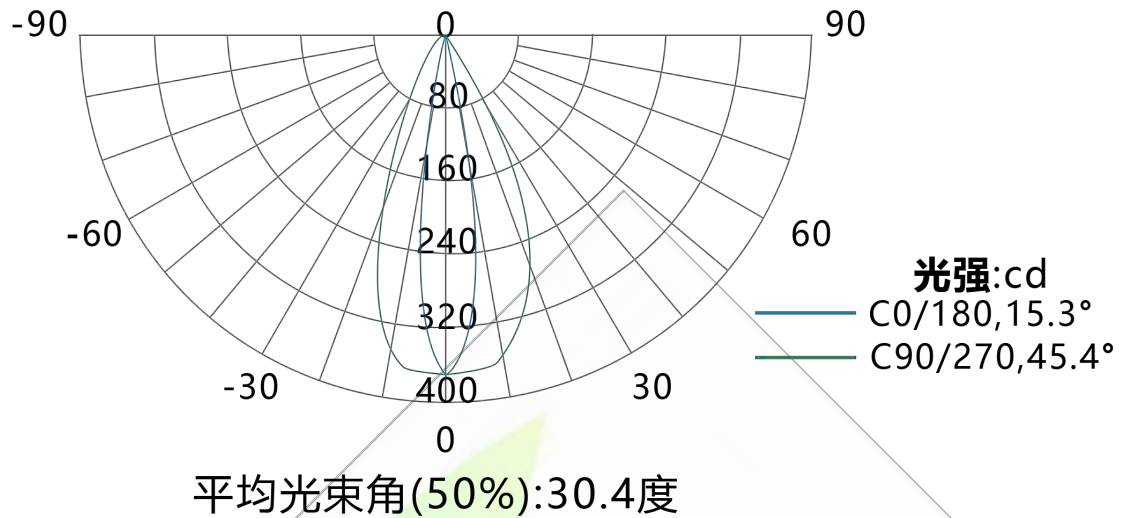
## ▼ Features

1	DC24V voltage input, safe and reliable, wide range of application.
2	High-power constant-current drive ensures the brightness consistency of LED and the evenness of light box.
3	GENESIS CSP1818 high-power LED, good heat dissipation, large current, high reliability.
4	Adopt 2.0mm thick and high heat conduction aluminum substrate for heat dissipation, provide reliable heat dissipation for the light source, and improve the service life of the product.
5	Using 15X45° optical lens, light is scattered from two directions to ensure the uniformity of the light source, no macular spot, and the irradiation distance is up to 3m.
6	Terminal wire connection, easy installation and maintenance.

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Adopt 6063 aviation aluminum profile heat dissipation, silicone waterproof, effectively solve the problem of waterproof heat dissipation.

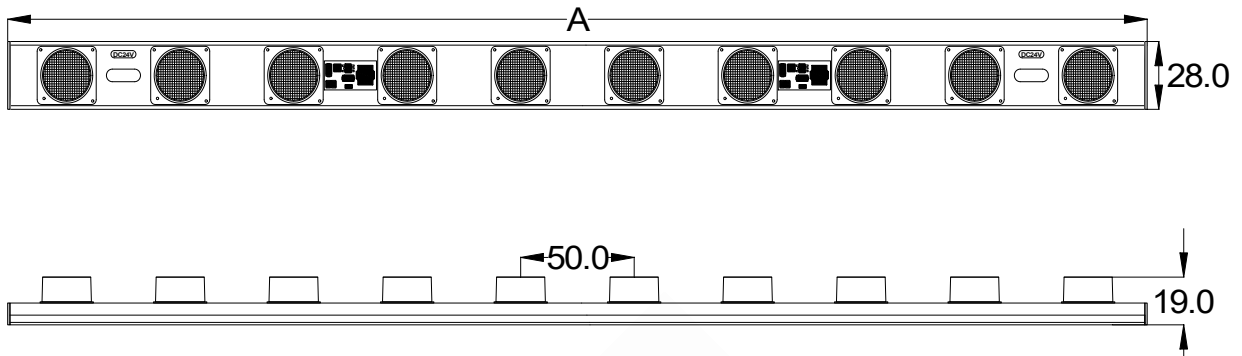
### ▼ Light Distribution



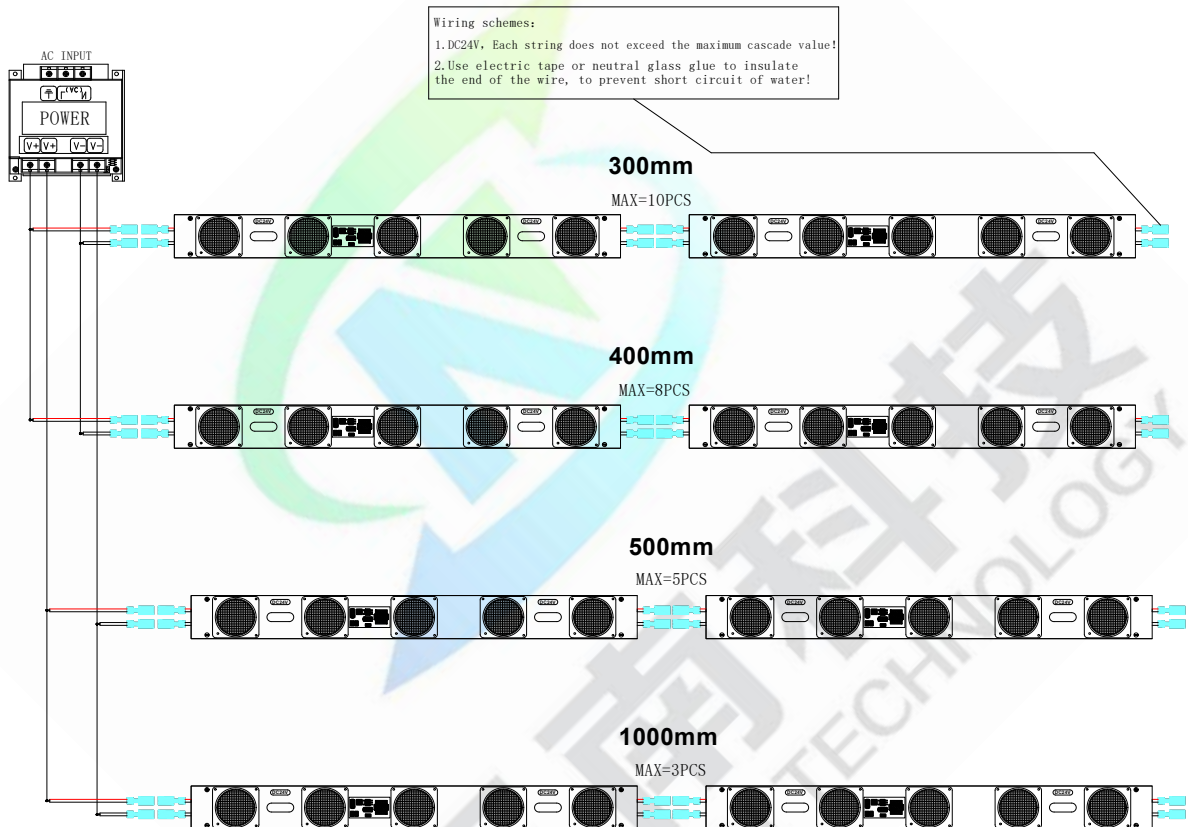
### ▼ Using parameter

Link	3-10PCS
Color	white
Voltage	DC24V
Weight	125g/pcs-10D
Life Span	5years/21900H
Working Temperature	-25-60°C
Storage Temperature	-25-60°C
IP Rank	IP65
Connection Type	terminal
Longest play distance	3m
Installation Way	Stainless steel clasp

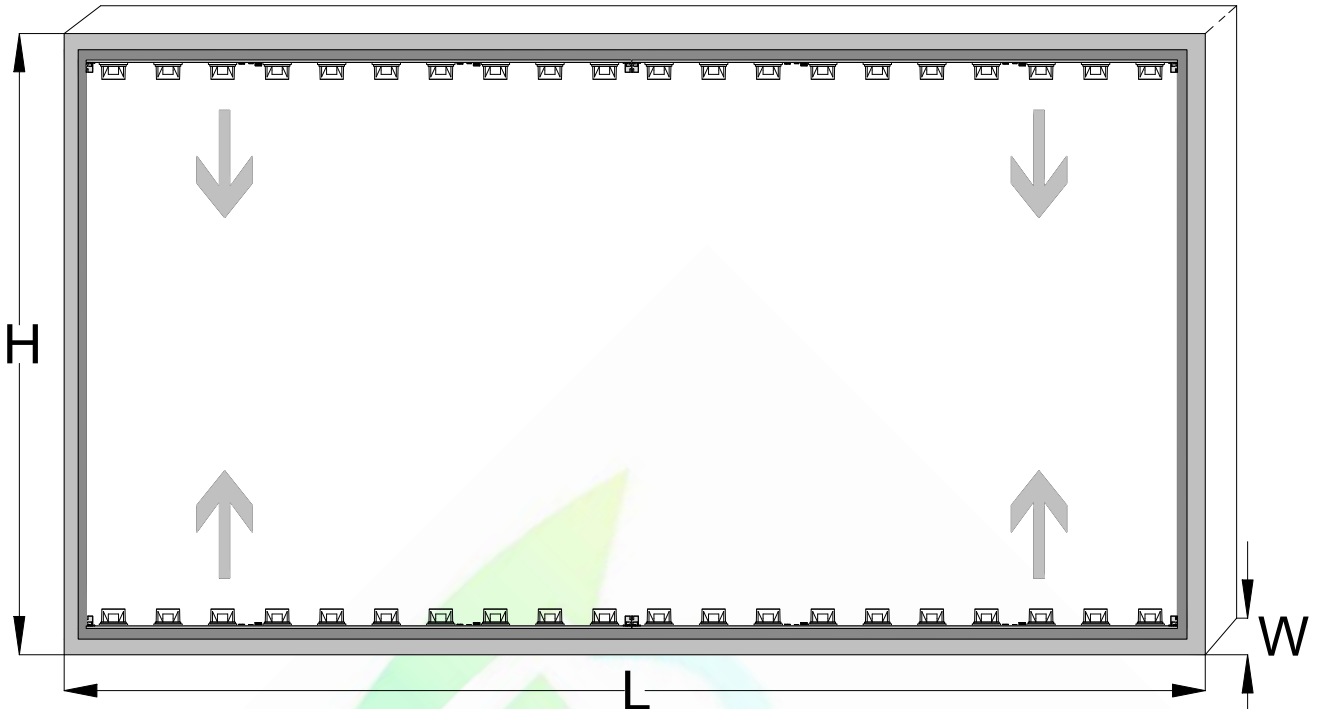
### ▼ Dimension(mm)



### ▼ Installation electrical diagram



### ▼ Layout diagram



Installation schematic description: the test panel is 3mm thick acrylic white board, and the light transmittance is about 54.4%. Aluminum alloy is selected as the light box model, which is evenly arranged according to the photoelectric performance parameters of the product

### ▼ LED light efficiency data

Depth W (mm)	Distance H (mm)	number L (PCS)	Illumination (Lux)
Dz=80	1000	4	5600
Dz=100	1200	4	5300
Dz=120	1500	4	4100
Dz=150	2000	4	3200
Dz=200	3000	4	2600

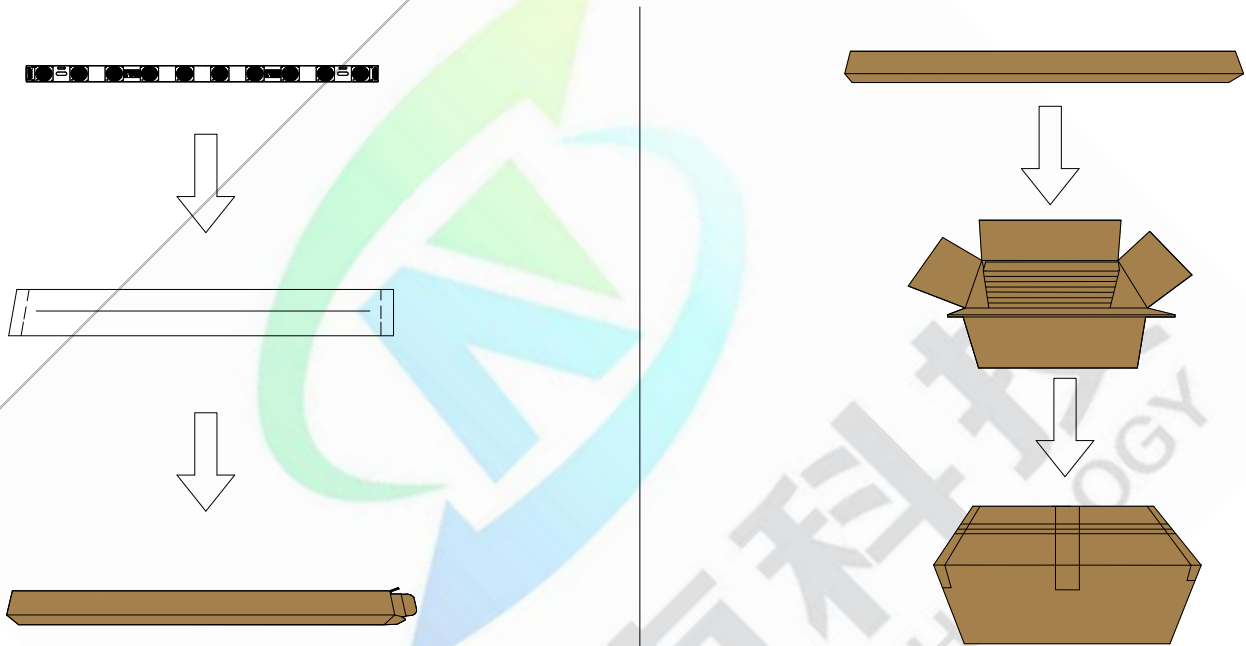
### ▼ Installation instructions

※Power mainline use more than 2x2.5mm squared cable, if the straight lamp power cord needs to lengthen must choose 1.5mm squared /16# or more specifications wire, so as not to overload the power cord caused excessive heat, causing adverse consequences, the length of power cord between the switch power supply and the straight lamp should not exceed 3m, otherwise the line loss increases, the total power increase.

※Please use the wiring scheme in the connection diagram. The power supply has several ways to output and several ways to the light bar, so as to prevent overload of the single power supply output and damage the power supply.

- ※With different sizes and different powers, the number of cascade is reduced. If the number of cascade is increased, the head and tail power can be considered.
- ※When installing the straight lamp, screw the screw into the hole position of the fixing frame or aluminum profile, lock it tightly, and light it for a long time.
- ※When there is bare wire conductor at the end of straight lamp, first peel the wire about 10mm with diagonal pliers and screw it into the wiring head for insulation protection.
- ※In order to ensure waterproof and anticorrosive, after the power cord is screwed into the terminal head, it is recommended to inject the terminal head with single-component silica gel (or neutral glass glue or waterproof grease) to protect the exposed copper wire covering the power cord.
- ※Do not live touch or live work on this product.
- ※It is recommended to use the switching power supply (with short-circuit protection, over-voltage protection and over-current protection) which has passed the relevant safety regulations certification, and the power use is 80%.

### ▼Packaging



### ▼Packing instruction

- ※Use electrostatic bag packaging: 550\*50\*0.15mm
- ※Inner box packing size: 520\*38\*30mm
- ※Carton size: 535\*280\*325mm
- ※5PCS/ layer, 50PCS in 10 layers per box
- ※NW:23.6(1±10%)kg
- ※GW:24.3(1±10%)kg

Note: the above package quantity and weight only refer to the package as shown in the figure. When other packages are used, the package quantity and weight will be different. The actual package shall prevail.