

Thank you for purchasing the Allanson SPEEDLamp LED Replacement lamp. The retrofit process is straight forward and should be done following local electrical codes and standards.

Daisy Chain LED Sign Tube Specifications

Features:

- The use of LED lamps saves more than 50% of electricity than traditional fluorescent lamps
- A 3-year warranty with a minimum life of 30,000 hours.
- Both new installations can be made on conventional electronic ballasts or inductors The flow lamp tube is reformed.
- Product environmental protection without harmful substances.
- Can be two sides of 360 degree light, suitable for two sides of light advertising light box, section Save material and labor costs.
- PC transparent tube shell, safe and reliable installation, no risk of electric shock.
- The lens is made of PMMA material, with high light transmittance and no yellowing for a long time.
- IP65 dust and moisture proof rating
- High brightness, light efficiency $\geq 120\text{lm/W}$.
- Quick and easy installation, no wiring trouble.

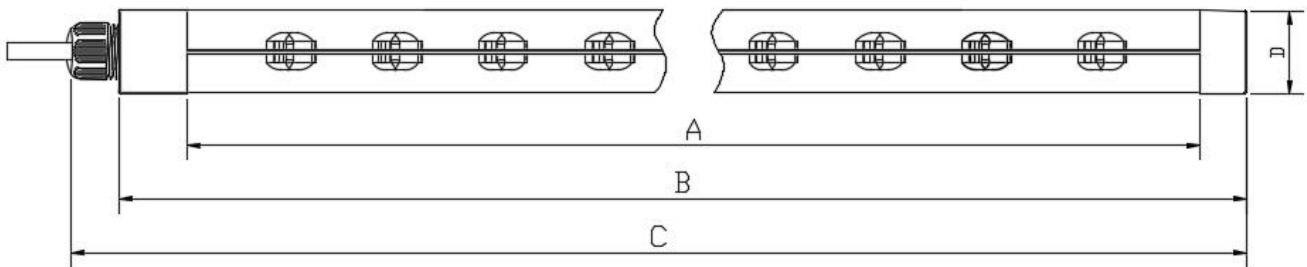


Application:

- Suitable for parking lots, warehouses. The supermarket. The bus stop.
- Lighting for advertising light boxes, signboards, refrigerators, freezers, etc.
- Home sales or hotel advertising.
- Suitable for transportation, express delivery, logistics distribution area and other places.



Dimensions:



Model	length	A	B	C	D	Lamp holder type
TCD016W12D220DS TCD016W12D024DS	600	588	595.5	603	28	G13/ Y type wire
THD028W20D220DS THD028W20D024DS	1200	1198	1205.5	1213	28	G13/ Y type wire
TID032W24D220DS TID032W24D024DS	1500	1498	1505.5	1513	28	G13/ Y type wire
TCD012W09D220DS TCD012W09D024DS	600	588	595.5	603	28	G13 Y type wire
THD018W14D220DS THD018W14D024DS	1200	1198	1205.5	1213	28	G13/ Y type wire
TID024W18D220DS TID024W18D024DS	1500	1498	1505.5	1513	28	G13/ Y type wire

Remark: 1. Unit :mm

2. Different tube lengths can be customized according to customer requirements.

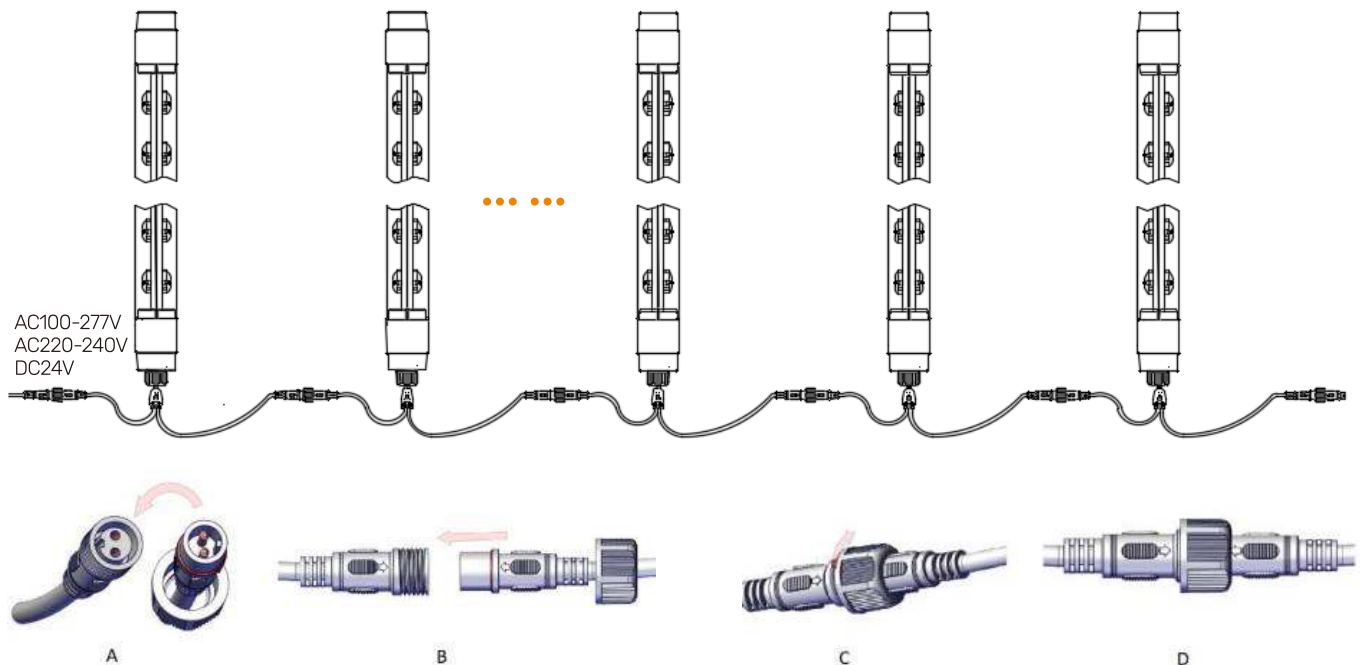
Electrical parameters:

Model	Input	Power	Length	Effect	CRI	CCT	Led QTY	Angle
TCD016W12D220DS TCD016W12D024DS	100-240V/ DC24V	12W	0.6M	110	≥80	3000-6500K	16	360
THD028W20D220DS THD028W20D024DS	100-277V/ DC24V	20W	1.2M	110	≥80	3000-6500K	28	360
TID032W24D220DS TID032W24D024DS	100-277V/ DC24V	24W	1.5M	110	≥80	3000-6500K	32	360
TCD012W09D220DS TCD012W09D024DS	100-277V/ DC24V	9W	0.6M	110	≥80	3000-6500K	12	180
THD018W14D220DS THD018W14D024DS	100-277V/ DC24V	14W	1.2M	110	≥80	3000-6500K	18	180
TID024W18D220DS TID024W18D024DS	100-277V/ DC24V	18W	1.5M	110	≥80	3000-6500K	24	180

Environmental and Application Conditions:

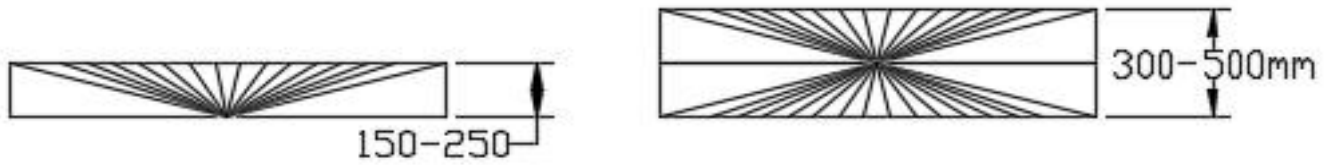
Ambient temperature range (Ta)	-25.....+50°C
Operating (case) temperature range (Tc)	-25.....+50°C
Storage temperature range	-25.....+65°C
IP rating	IP65

Installation procedure:

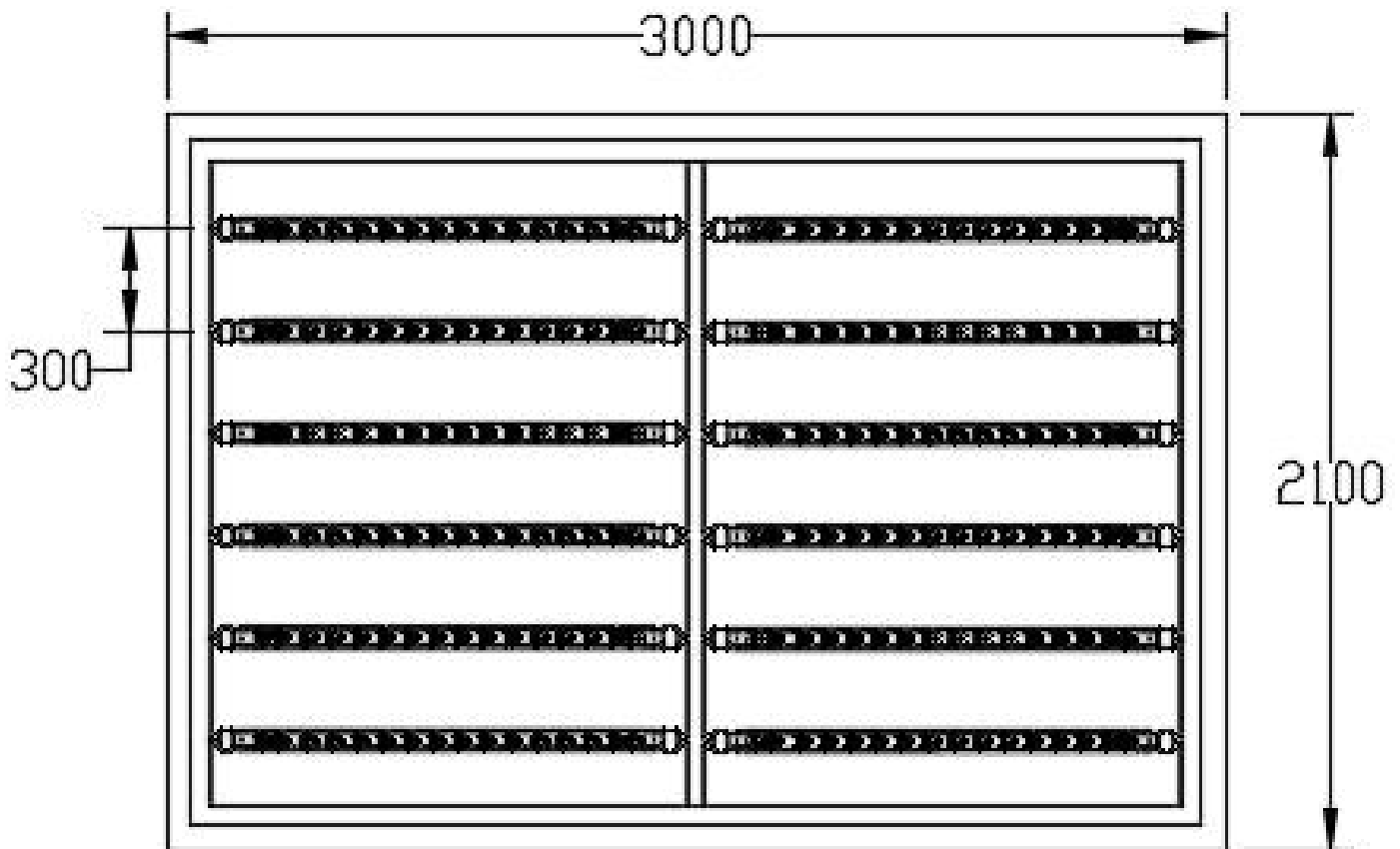


1. Please refer to the diagram in the figure to install the lamp. The default connection mode of the conventional lamp is single-end power supply
2. Disconnect the power supply before installation or maintenance to avoid the risk of fire or electric shock.
3. If DC power is used, check the polarity of the power supply. Connect the red to the + pole of the power supply, and connect the black to the negative pole of the power supply.
4. The installation of the lamp needs to be installed by professionals.

Installation procedure:



1. Recommended thickness of light box: single side 150-250mm; Double-sided 300-500 mm.
2. Please cut off the power supply before installation or maintenance



- 1.If it is a large advertising light box installation, you can choose the appropriate wire according to the number of lights used in the light box.To prevent fire or material loss caused by overload.
- 2.The lamp tube is the lamp holder of G13, and the lamp holder of G13 can be installed on both ends of the lamp tube at the same time, and reasonable wiring
- 3.Recommended thickness of light box: single side 150-250mm; Both sides 300-500mm.
- 4.Recommended value of led tube spacing :200-400mm.
- 5.After the installation is complete, check that the cable connection is correct and then turn on the power switch.