



■ Features:

- Wide AC input voltage (100-277VAC)
- Easy install with ceiling mounting, suspending mounting and connection function, Unique structure design,
- High thermal conductivity 6063 aluminum and high temperature resistance PC lens
- Internal certified isolated driver, 0-10V dimmable, Flicker free
- Suitable for semi-outdoor, warehouse, workshop, shopping mall- etc
- CE & RoHS listed
- 5 Years Warranty



TP- T12L1200-32W **D**

※: TP for“toplight”, T12 for“lamp type” , L1200 for“length”,32W for“power”, **D** for“dimming”

■ Electrical specifications

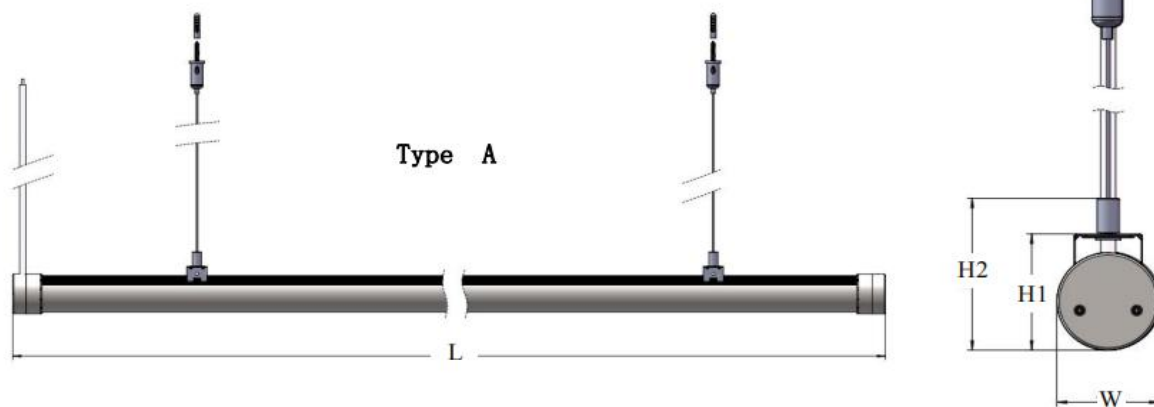

EPISTAR

Model		TP- T12L1200-32W 			
Electricity parameters	Input Voltage	100~277VAC			
	Working Current	0.25A / 110VAC		0.13A/220VAC	
	Frequency	50/60Hz			
	Power	32W±0.5w			
	Power Factor	PF>0.9			
	Output Voltage	39-42VDC± 3%			
	Output Current	710mA±3%			
Luminous efficacy	LED source	SMD2835 LED			
	LED Q'ty	420Pcs			
	Model	TP- T12L1200-32W 			
	Color Temperature	3000K	4000K	5000K	6000K
	Luminous Flux	4160Lm±8%	4160Lm±8%	4320Lm±8%	4320Lm±8%
	Luminous efficacy	> 130Lm / W	> 130Lm / W	> 135Lm / W	> 135Lm / W
	CRI	Ra>80			
	Beam angle	120°			
	Life-span	>30000 H			
Structure	Material	AL+PC			
	Housing color	Sliver			
	AC Input	Wiring way			
	Working Temperature	-25℃~55℃; humidity: ≤95%			
	Product size	L1216*φ41.5 mm			

Packaging	Carton size	W230 * H215* L1335mm
	Product N*W	0.85Kg
	Product G*W	1.05Kg
	Q'ty/CTN	16Pcs/CTN
	Carton's Weight	17.2Kg
Remark	※: Luminous Flux and efficacy data all based on Epistar LED chips.	

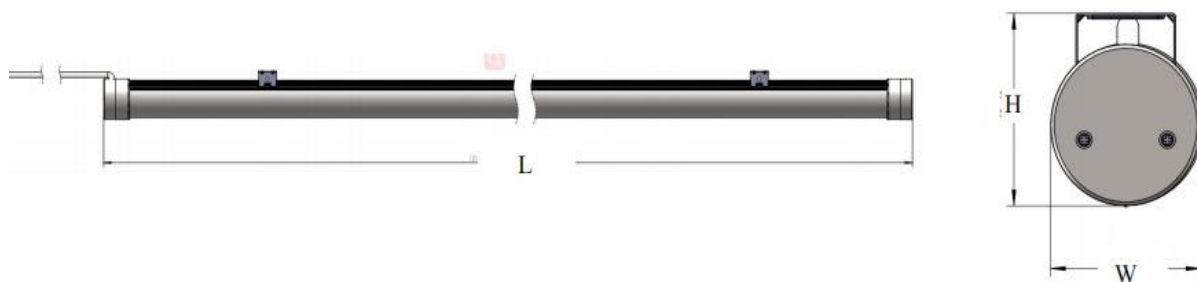
Product structure size (Unit: mm)

T12 Series Dimension Difference Table



FT	2ft	3ft	4ft	5ft	6ft	8ft
L	606mm	910mm	1216	1516mm	1783mm	2386mm
W	41.5 mm	41.5 mm	41.5 mm	41.5 mm	41.5 mm	41.5 mm
H1	49.5 mm	49.5 mm	49.5 mm	49.5 mm	49.5 mm	49.5 mm
H2	64.5 mm	64.5 mm	64.5 mm	64.5 mm	64.5 mm	64.5 mm

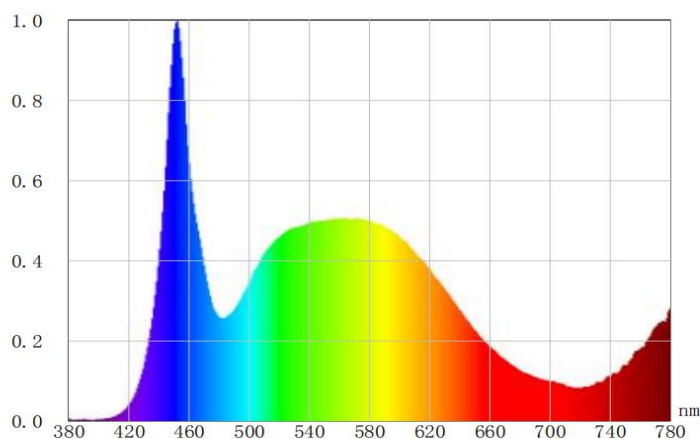
Type B



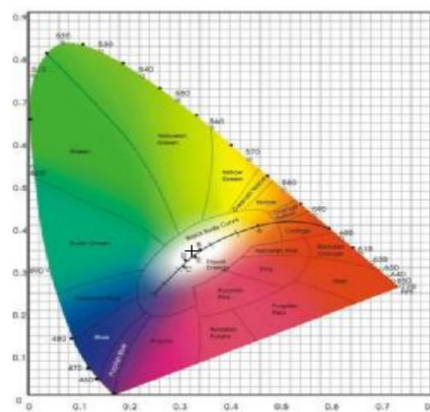
FT	2ft	3ft	4ft	5ft	6ft	8ft
L	606mm	910mm	1216	1516mm	1783mm	2386mm
W	41.5 mm	41.5 mm	41.5 mm	41.5 mm	41.5 mm	41.5 mm
H	49.5 mm	49.5 mm	49.5 mm	49.5 mm	49.5 mm	49.5 mm

■ **Testing data (Take 18W as an example)**

光谱曲线



CIE1931



LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.9V I:0.0800A P:17.10W PF:0.9280 Lamp Flux:2656.56x1 lm

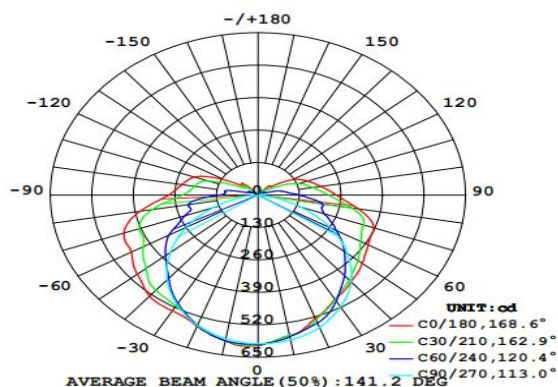
NAME: TP-T12SMD432-18W

TYPE:LED

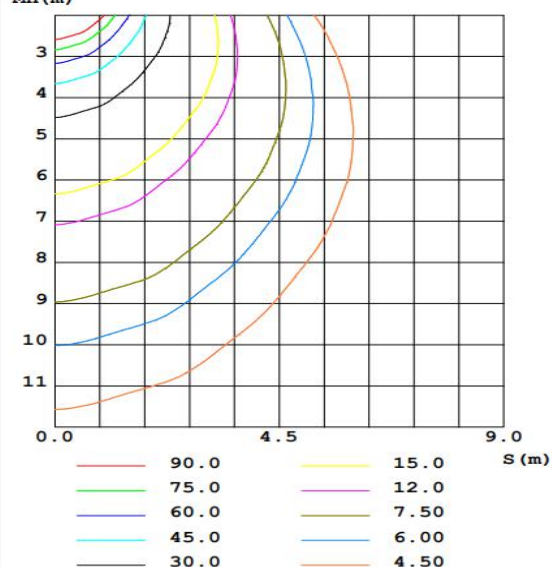
MFR.: TOPLIGHT

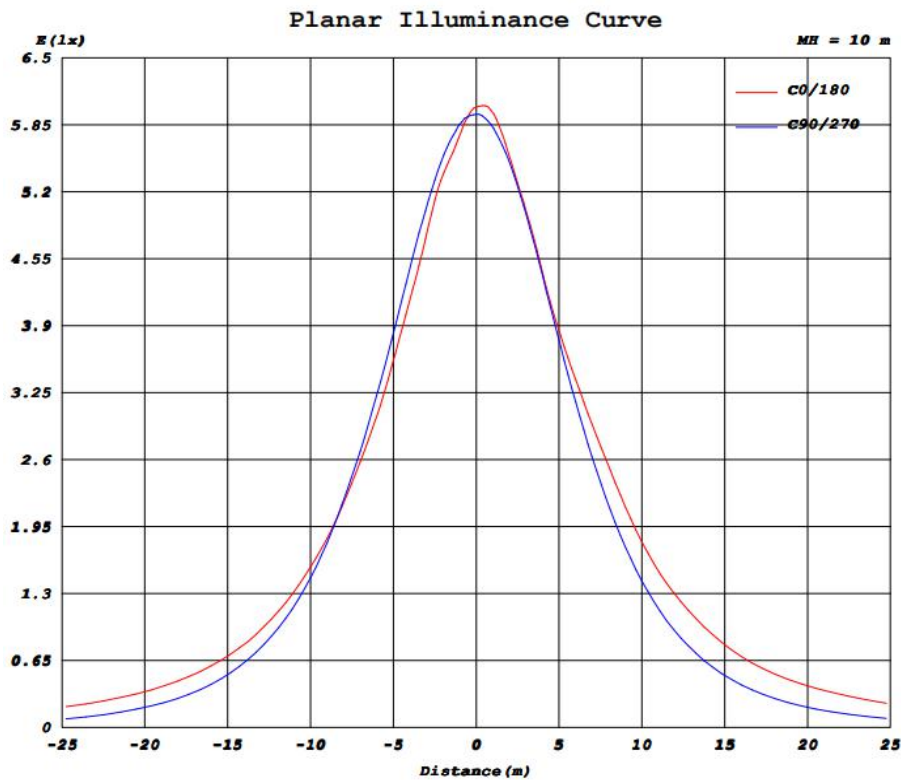
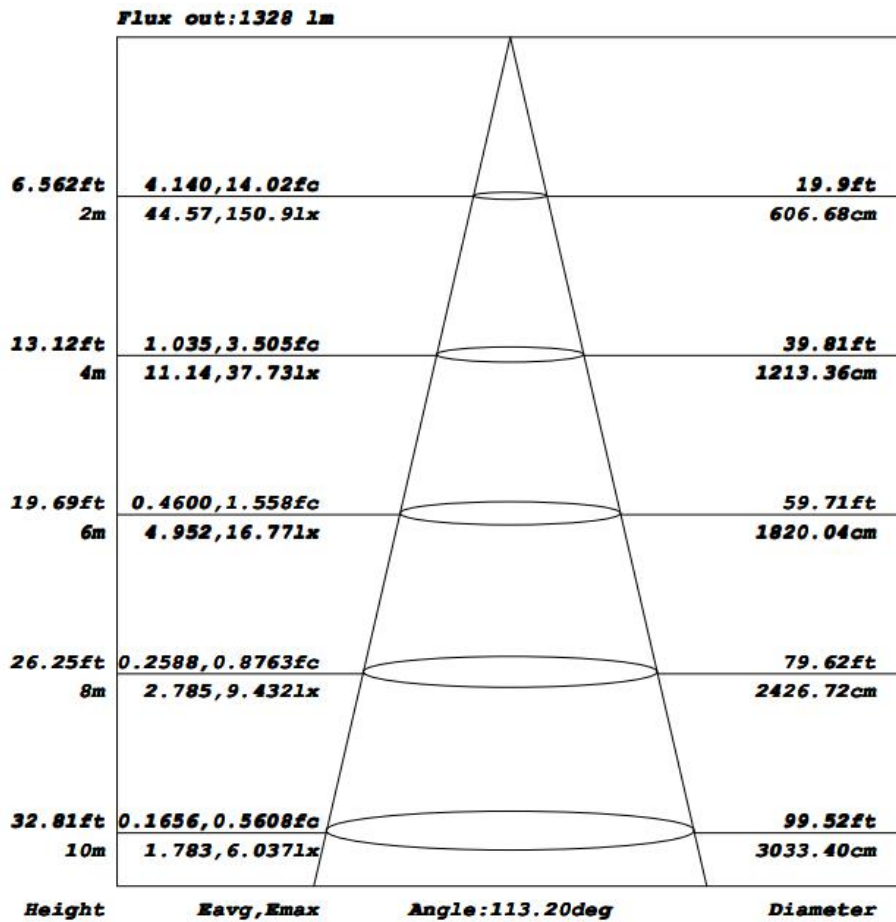
DATA OF LAMP		PHOTOMETRIC DATA				Eff: 155.35 lm/W
MODEL	TP-T12SMD432-18W	I _{max} (cd)	607.1	S/MH (C0/180)	1.21	
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.29	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	2656.6	η UP, DN (C0-180)	7.4, 41.9	
NOMINAL FLUX (lm)	2656.56	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	8.0, 42.7	
LAMPS INSIDE	1	η up (%)	15.4	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	230.9	η down (%)	84.6	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



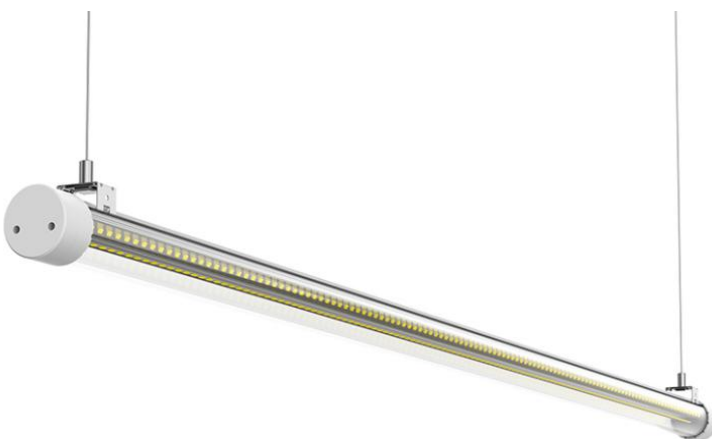
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



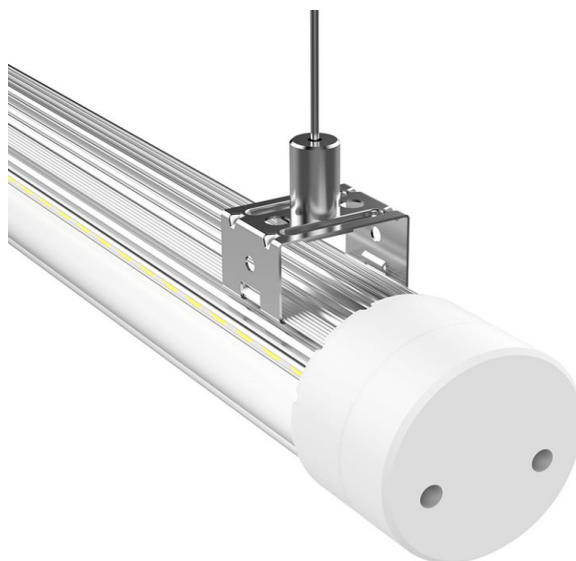


Product picture

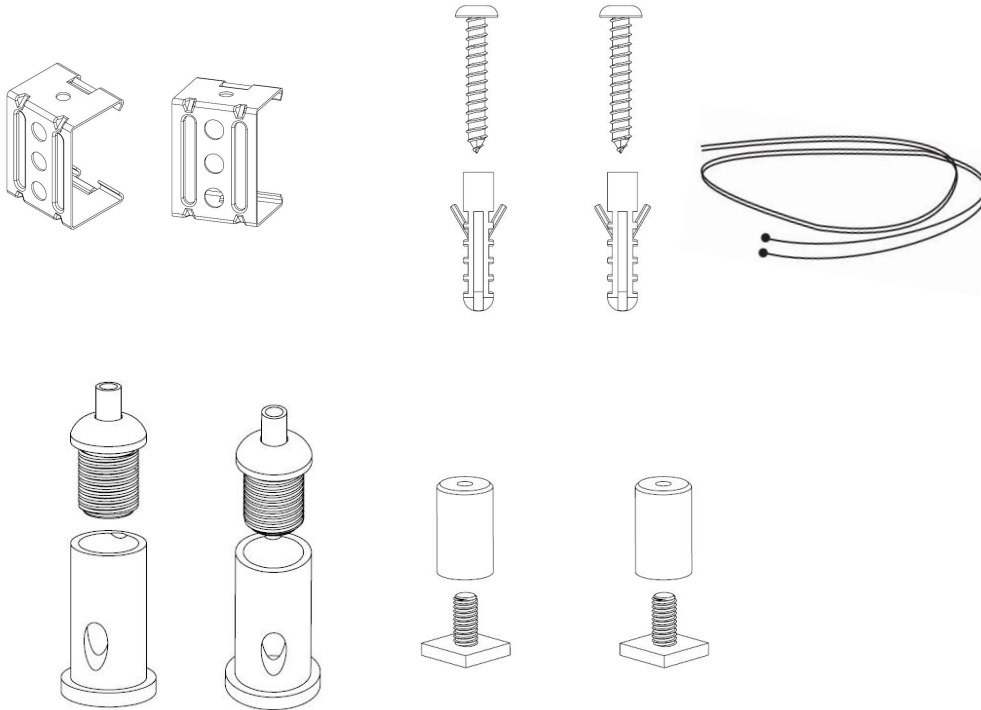
Diffusion hood display



Transparent cover



Enlarge figure

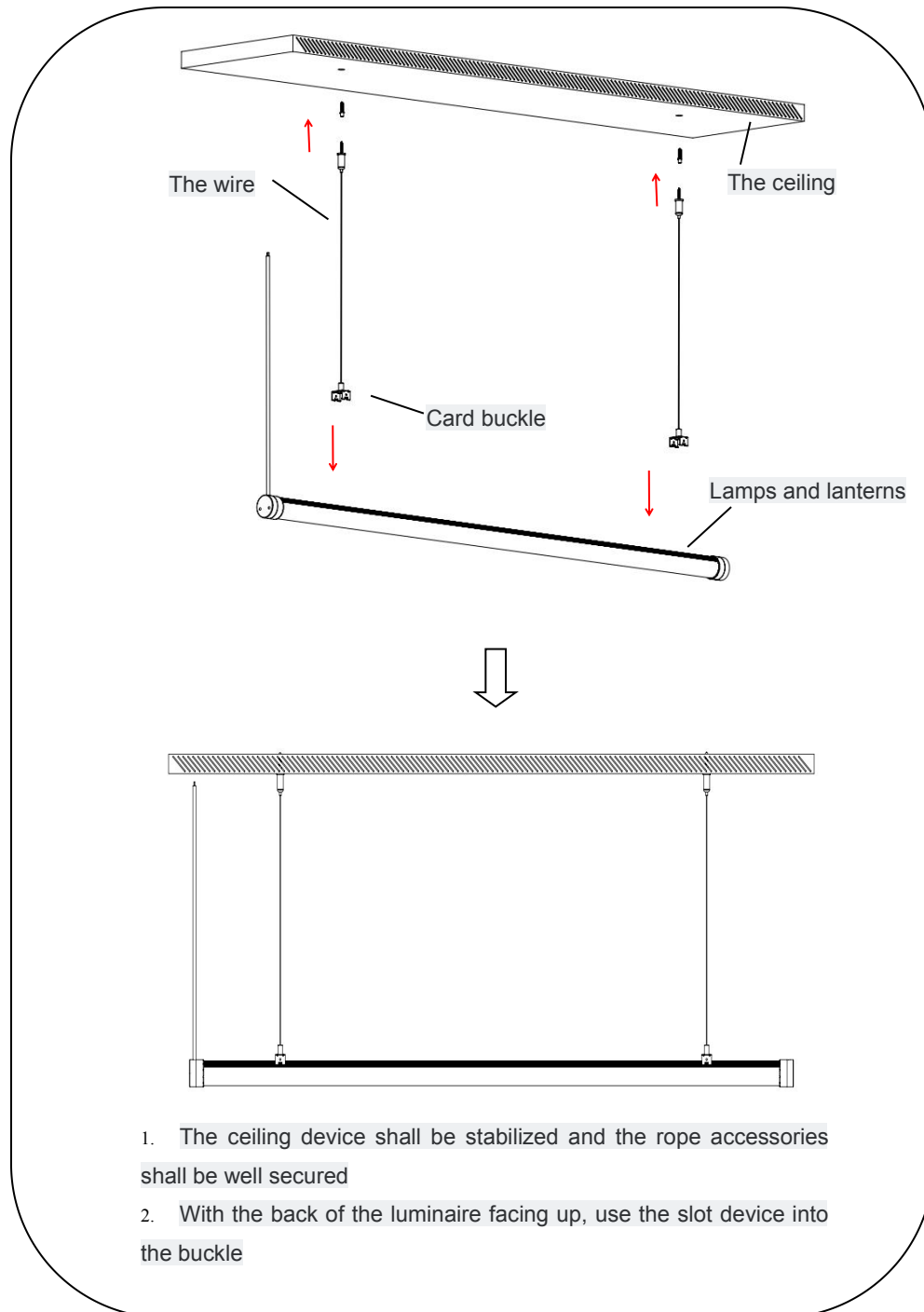
Accessory

1. Card buckle 2pcs; 2. Install the screw 2pcs; 3. Hoisting wire rope 2pcs;
4. Adjust the accessories 2pcs ; 5. Wire rope connector 2pcs

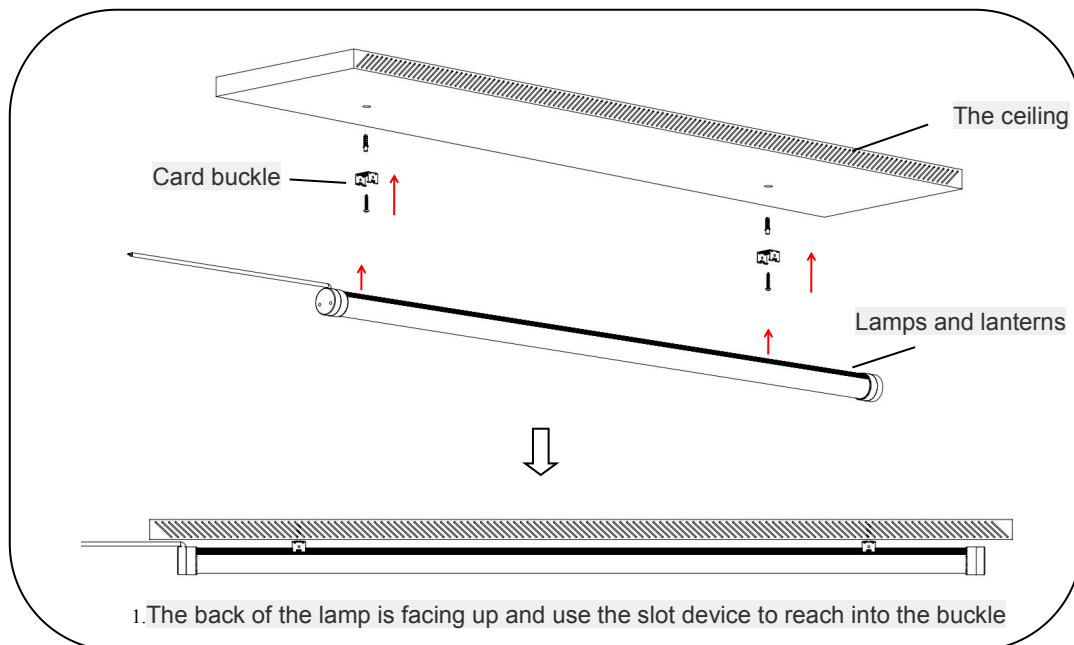
■ Installation

- ✧ Ensure that the input voltage and frequency are within the specified range before installation.
- ✧ Please turn off the power before Installation.
- ✧ Refer to the operation manual correctly, then adjust lamp to the proper angle and installation position
- ✧ Turn on power to test after installation.

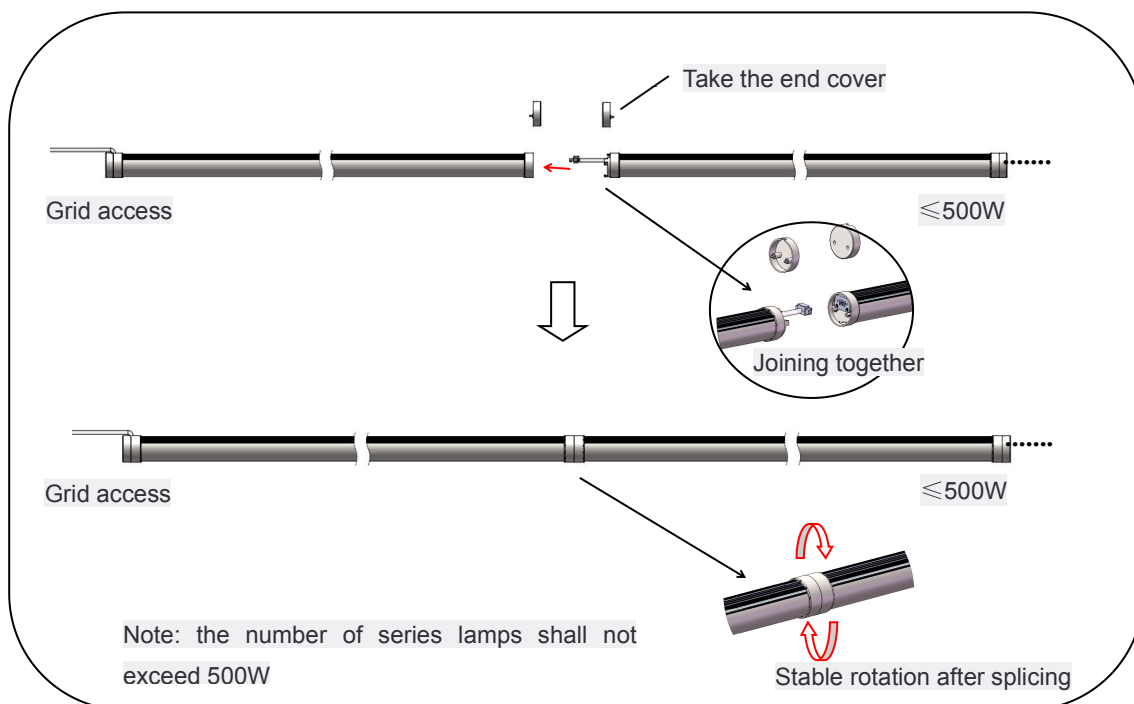
☆ Schematic diagram of ceiling installation



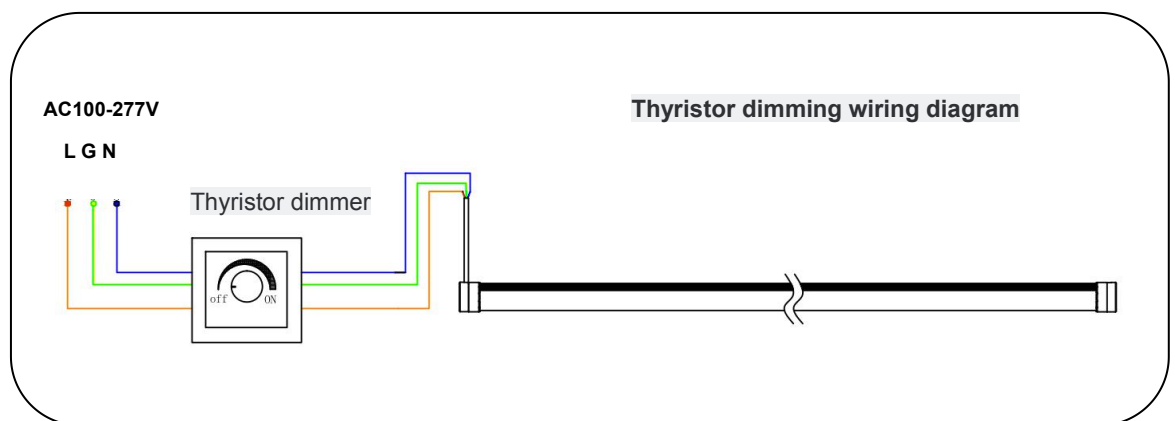
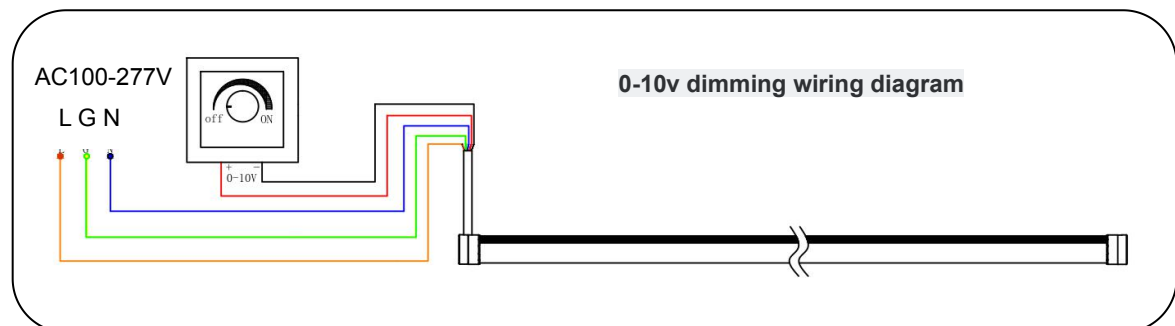
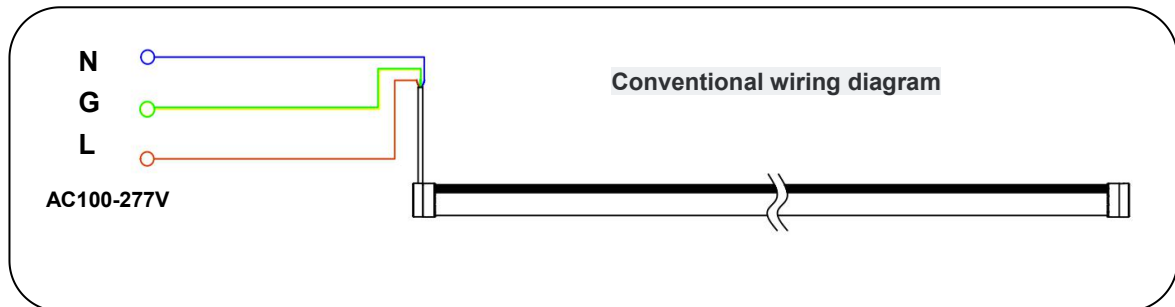
☆ Suction roof installation diagram



☆ Assembly diagram

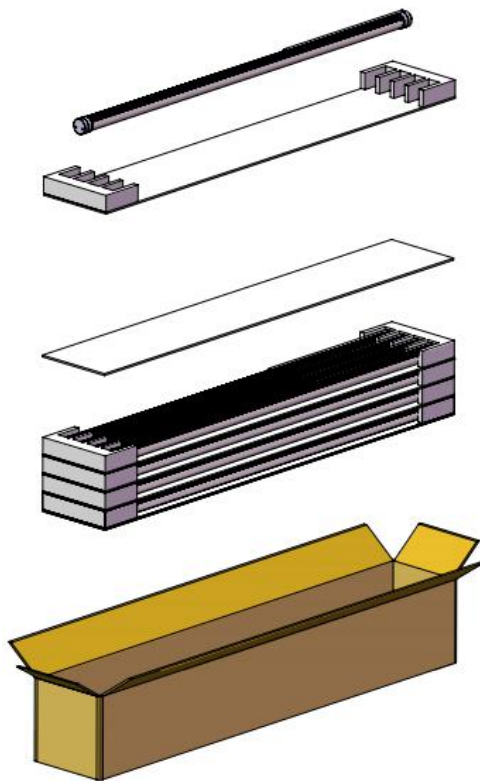


Connection Installation

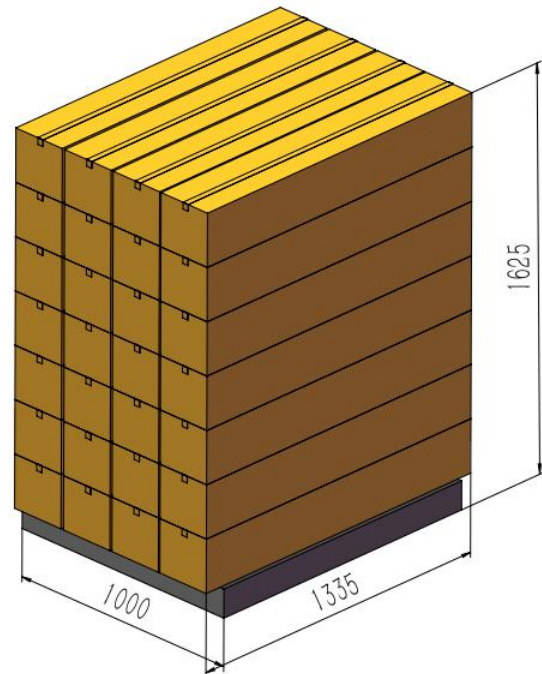


Product Packaging

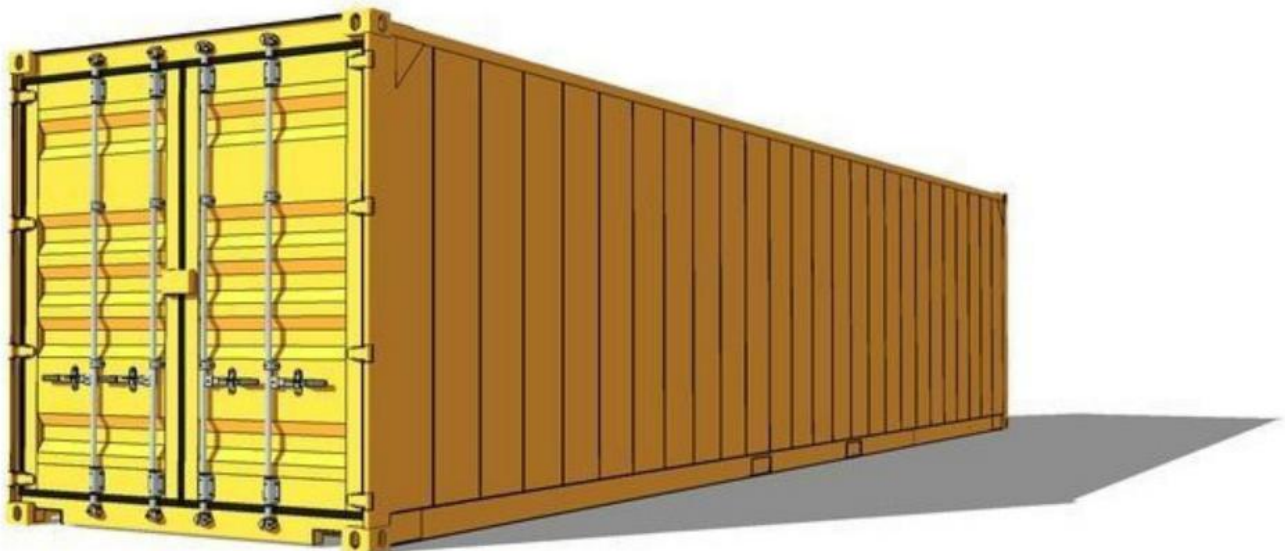
Outer carton size: L1335*W230*H215mm/16pcs



16pcs/CTN



28CTN/Card board



Container spec:

20GP:	28CBM;	11 plates,	lamp Q'ty 6660pcs
40GP:	58CBM;	23 plates,	lamp Q'ty 13730pcs
40HQ:	68CBM;	23 plates,	lamp Q'ty 16130pcs

■ Precautions

- ✧ The installation wall must be firm and reliable
- ✧ The installation accessories need to be installed firmly
- ✧ After the installation and wiring of the light is completed, the power is tested again to guard against electric shock.
- ✧ Please do not open the light and change the electrical structure to prevent damage to the light. The damage caused is not covered by the warranty.

The lamp can not be illuminated normally:

- ✧ After the light is not on, please check if the wiring is connected after power off.
- ✧ If the wiring is normal, no appearance damage, please contact the dealer or service center immediately.

After-sales service and repair:

- ✧ In any case, if there is a problem, please contact your dealer or service center immediately.
- ✧ This product is repaired free of charge during the warranty period, and the appropriate material fee will be charged after the expiration of the warranty period.
- ✧ The company provides a hotline to answer various questions from users. Please call at 0755-28151799 or email to info@toplightled.com