

Frost PC: 100lm/W

Stripe PC: 105lm/W

Clear PC: 110lm/W

NAME: LED T8 Tube

P/N: GP-T8-E01-XXW

Type	A	B	C
0.6m	590mm	596mm	602mm
0.9m	894mm	900mm	906mm
1.2m	1198mm	1206mm	1212mm
1.5m	1498mm	1506mm	1512mm
1.8m	1768mm	1772mm	1778mm
2.4m	2352mm	2361mm	2367mm

Advantage

- CE、RoHS certificate
- Warm / Natural / Cool / Cold white
- IP44 Waterproof Rating
- High lumens, 100lm/W to 110lm/W
- Internal driver, input voltage AC100-240V/277V 50-60Hz
- No UV or IR in the beam.
- Energy saving, long service life.
- OEM service available. Laser print customer LOGO and customer exclusive label.
- Green and eco-friendly without mercury.



Application

Widely used in home, supermarket, parking lot, hispital, school, etc.

Shenzhen GAOPIN Semiconductor Lighting Technology Co.,LTD

Product Specifications				
Product name	LED T8 Tube			
Light Type	Tube Light			
Technical Characteristic				
Cover	Frosted+Strip+ Clear PC			
Color temperature	2700-6500K			
CRI	70/80			
Lumen Efficacy	100-110 LM/W			
Viewing Angle	120 Degree			
Input Voltage	AC100-240V/100-277 50/60Hz			
PFC	>90%			
Waterproof Rating	IP44			
Product Parameters				
GP-T8-E05-9W	602* Φ 26mm	48 LEDs	900LM	70*25*25cm/7.5KG/30pcs
GP-T8-E05-14W	906* Φ 26mm	72 LEDs	1400LM	100*25*25cm/8.2KG/30pcs
GP-T8-E05-18W	1212* Φ 26mm	96 LEDs	1800LM	130*25*25cm/10.2KG/30pcs
GP-T8-E05-22W	1212* Φ 26mm	105 LEDs	2200LM	130*25*25cm/10.2KG/30pcs
GP-T8-E05-24W	1512* Φ 26mm	126 LEDs	2400LM	160*25*25cm/13.5KG/30pcs
GP-T8-E05-30W	1788* Φ 26mm	144 LEDs	3000LM	180*25*25cm/15.5KG/30pcs
GP-T8-E05-40W	2367* Φ 26mm	192 LEDs	4000LM	250*25*25cm/20.5KG/30pcs
Materials				
LED Brand	EPistar			
LED Type	SMD2835			
Housing	PC+AL			
Housing color	White			
Others				
Operating Temperature	-20°C TO 45°C			
Operating Humidity	20%-70% RH			
Storage Temperature	-30°C TO 80°C			
Storage Humidity	10%-75% RH			
Application	Indoor			
Safety Certification	CE, RoHS			
Warranty Time	3 Years			

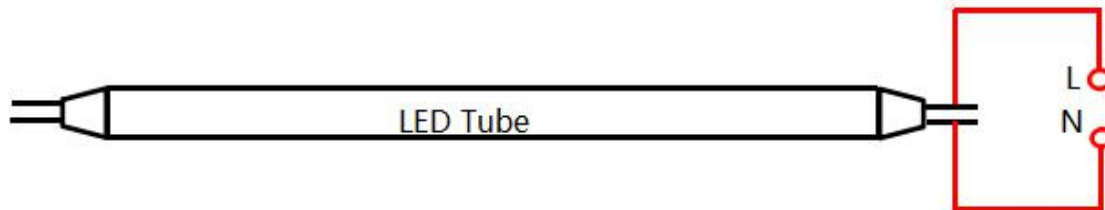
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Installation

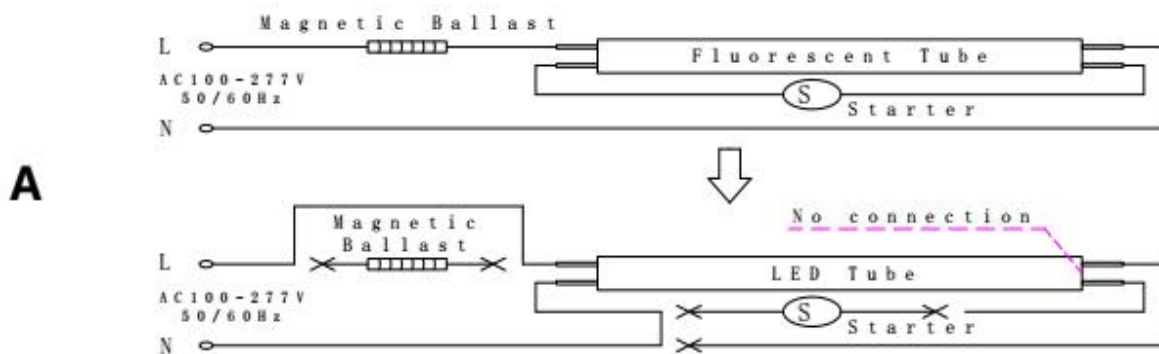
1. Single End Power



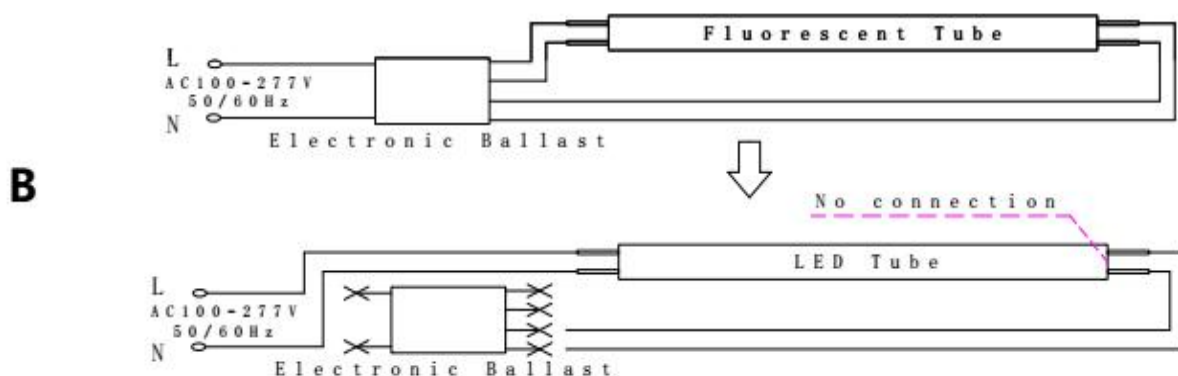
Installation steps

1. Turn off the electricity supply before installation .
2. Make sure the circuit of the base is as following A and B. For old circuit originally for conventional fluorescent, please following the illustrated steps to adjust djust the circuit as follow .
3. After adjusting the circuit , install the LED tube in the same way as installing the traditional fluorescent tube light.
4. Turn on the power supply of the base to check whether the tube light is working properly or not.

Single side (Magnetic ballast) :



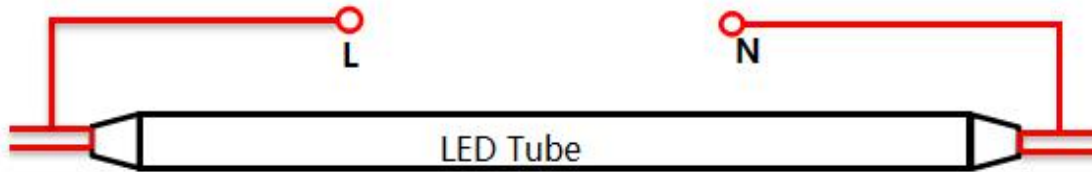
Single side (Electronic ballast) :



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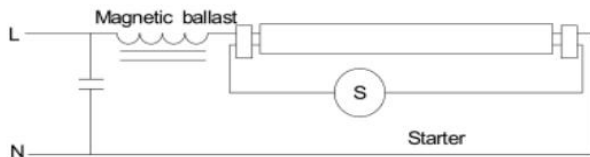
Installation

2. Double End Power

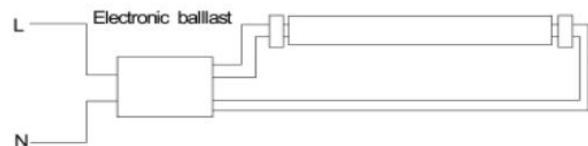


Installation steps

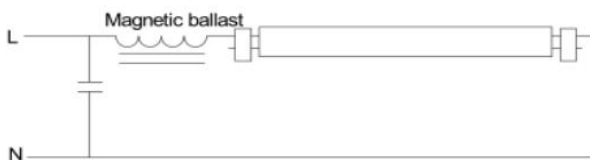
1. Turn off the electricity supply before installation .
2. Remove the starter(A1) or ballast(B1), please adjust djust the circuit as follow .
3. Install the LED tube in the same way as installing the traditional fluorescent tube.
4. Turn on the power supply of the base to check whether the tube light is working properly or not.



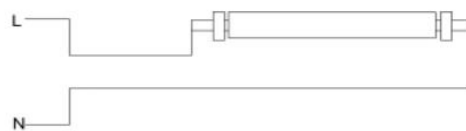
A1



B1



A2

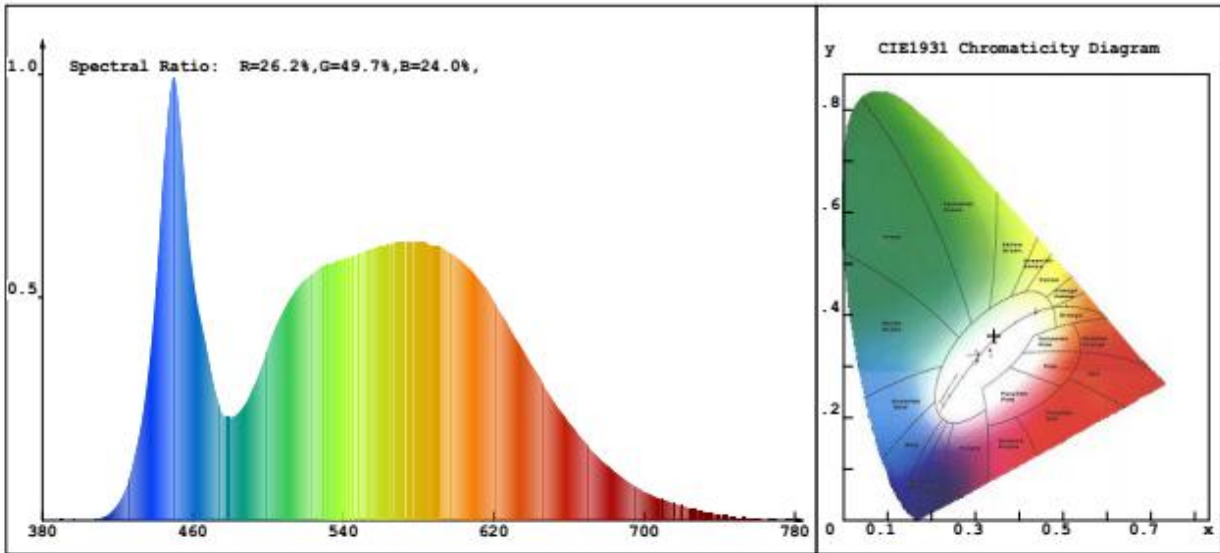


B2

Trouble Shootings

Troubles	Check points
Out of working	Please check the connection
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies

Test Diagram



Chroma Parameters

Chro.Coor.: x=0.3427 y=0.3599 u=0.2066 v=0.3255 duv=0.0051
 CCT: 5117K Dominant Wave.: 566.5nm Purity: 10.8%
 Flux RGB Ratio: R=15.1%, G=82.0%, B=2.9% Peak Wave: 449.6nm Half Width: 22.0nm

Rendering Index: Ra= 81.5

R1 =79 R2 =85 R3 =91 R4 =82 R5 =81 R6 =82 R7 =87 R8 =66
 R9 =0 R10=66 R11=81 R12=60 R13=80 R14=95 R15=73

Photo Parameters

Flux: 2104.37lm Effi.: 123.6lm/W Radiant: 6491.5mW Iv: 0.0mcd
 Efficiency: 0.110 Effi Level: A+ (EU 874-2012)

Ele. Parameters

Voltage: U=220.000V Current: I=0.0800A
 Power: P=17.03W Power Factor: PF=0.967

Package



30pcs in a carton 36pcs in a carton 30pcs in a carton

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