



New Type ST8 Tube

S-Tube is an upgraded version CFL tube replacement with LED. It has the best configuration of brightness and power efficiency.

S-tube is designed to replace medium bi-pin T8 and T12 fluorescent tubes. S-tube fits directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. S-tube is optimized to provide light outputs comparable to fluorescent and delivers the immediate benefits of white-LED lighting; long lifetimes, no maintenance, high efficiency, no mercury, no recycling, no flickering, no buzzing, instant start, cold temperature operation, and high quality light. It provides energy savings of up to 75% over fluorescent applications that require long hours with low occupancy rates such as stairwells, corridors, warehouses, and remote locations. The high quality S-tube replacement tube is constructed from extruded aluminum to provide a virtually unbreakable, vandal proof lighting solution.

Why our S-tube?

- Much longer life than CFL tube: min. 10 years (suppose that light is on 8 hours per day)
- 70%~80% Energy-saving over Fluorescent tubes
- Solid State, high shock/vibration resistant
- Work without ballast, Instant soft-start
- No RF interference, No flickering or buzzing
- Quick and easy installation to minimize retrofit costs
- Minimum maintenance costs, Produce little Heat
- No Mercury and other hazardous materials, fully RoHS-compliant
- Continuous operation for white LEDs (10 years for other colors)
- Rated to operate from -4°F to 104°F [-20°C to 40°C], perfect for environments with extreme climates
- Epistar+Intermatix LED packaging solution, no patent trouble
- The newest design
- The best cost-effective
- Complete electricity isolation design, safety prove



Technical Parameters

- Standard length 60cm/120cm/150cm/180cm/240cm
- Rated input voltage 100-277V AC, 50/60Hz
Power: 9W/18W/22W/28/34W
- PF (power factor) >0.92
- SMD2835 LED

Applications



parking lot



residential



warehouse



signage



office



railway station



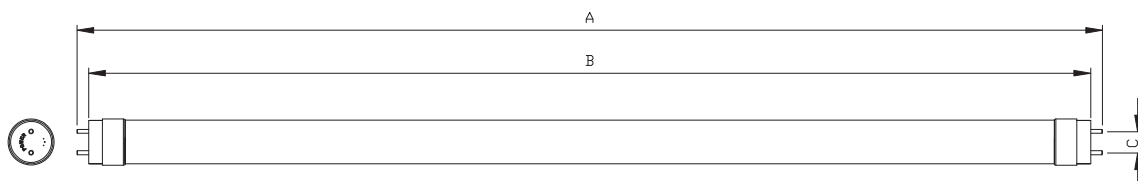
bus

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Dimensions (Unit: mm/inch)



A: 0.6M=603mm/23.7"	1.2M=1213mm/47.7"	1.5M=1513mm/59.5"	1.8M=1778mm/70.0"	2.4M=2386mm/93.9"
B: 0.6M=588mm/23.2"	1.2M=1198mm/47.2"	1.5M=1498mm/59.0"	1.8M=1764mm/69.5"	2.4M=2371mm/93.4"
C: 12.7mm/0.5"				

Specifications

S-tube has 4 kinds of end caps.

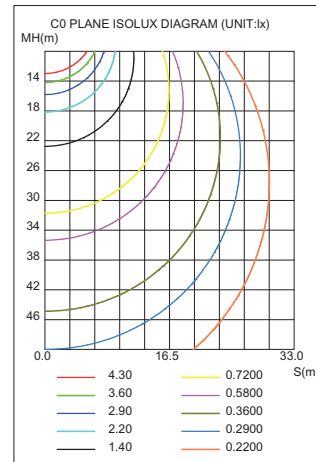
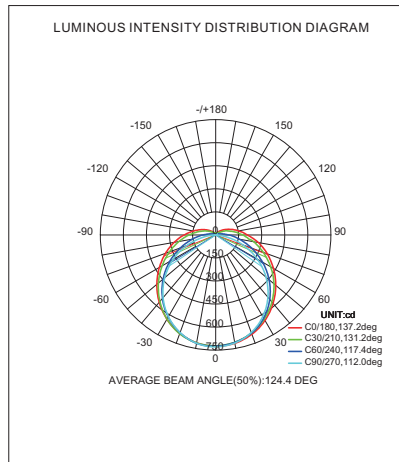


Type	Model number	Color	Light output (lm±10%)	LED Type	LED Q'ty	Length (cm)	Power (W)	CRI	Voltage	PF
Frosted	ST8-009-AW-WW-01F	Warm White	1023	SMD 2835	96	60	9	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-009-AW-NW-01F	Natural white	1047							
	ST8-009-AW-W-01F	White	1037							
	ST8-014-AW-WW-01F	Warm White	1814	SMD 2835	144	90	14	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-014-AW-NW-01F	Natural white	1945							
	ST8-014-AW-W-01F	White	1904							
	ST8-018-AW-WW-01F	Warm White	2180	SMD 2835	192	120	18	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-018-AW-NW-01F	Natural white	2276							
	ST8-018-AW-W-01F	White	2169							
	ST8-022-AW-WW-01F	Warm White	2736	SMD 2835	240	150	22	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-022-AW-NW-01F	Natural white	2768							
	ST8-022-AW-W-01F	White	2751							
	ST8-028-AW-WW-02F	Warm White	3360	SMD 2835	264	180	28	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-028-AW-NW-02F	Natural white	3440							
	ST8-028-AW-W-02F	White	3528							
	ST8-034-AW-WW-01F	Warm White	4080	SMD 2835	336	240	34	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-034-AW-NW-01F	Natural white	4182							
	ST8-034-AW-W-01F	White	4284							
Clear	ST8-009-AW-WW-01C	Warm White	1161	SMD 2835	96	60	9	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-009-AW-NW-01C	Natural white	1169							
	ST8-009-AW-W-01C	White	1163							
	ST8-014-AW-WW-01C	Warm White	1930	SMD 2835	144	90	14	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-014-AW-NW-01C	Natural white	2056							
	ST8-014-AW-W-01C	White	2024							
	ST8-018-AW-WW-01C	Warm White	2598	SMD 2835	192	120	18	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-018-AW-NW-01C	Natural white	2652							
	ST8-018-AW-W-01C	White	2594							
	ST8-022-AW-WW-01C	Warm White	3145	SMD 2835	240	150	22	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-022-AW-NW-01C	Natural white	3167							
	ST8-022-AW-W-01C	White	3215							
	ST8-028-AW-WW-01C	Warm White	3864	SMD 2835	264	180	28	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-028-AW-NW-01C	Natural white	3930							
	ST8-028-AW-W-01C	White	3976							
	ST8-034-AW-WW-01C	Warm White	4692	SMD 2835	336	240	34	≥80	AC100-277V 50/60Hz	≥0.92
	ST8-034-AW-NW-01C	Natural white	4760							
	ST8-034-AW-W-01C	White	4828							

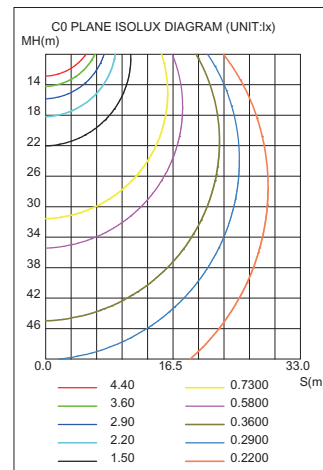
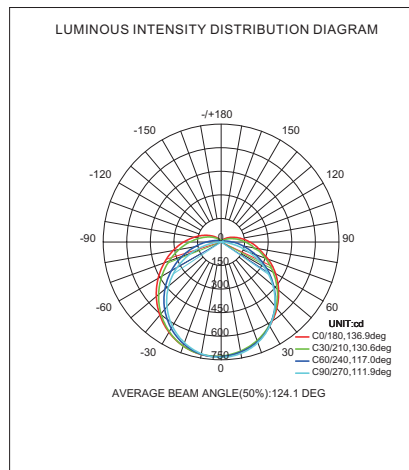


LUMINAIRE PHOTOMETRIC TEST REPORT

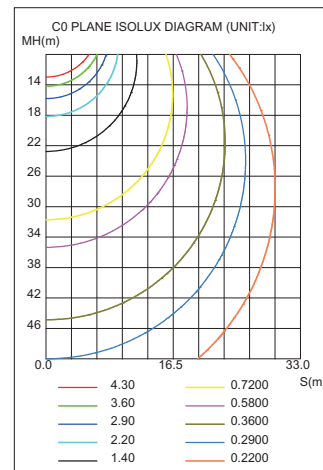
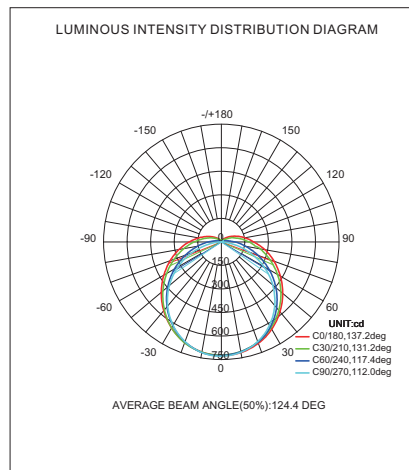
ST8-022-AW-W-01F(Frosted)



ST8-022-AW-NW-01F(Frosted)

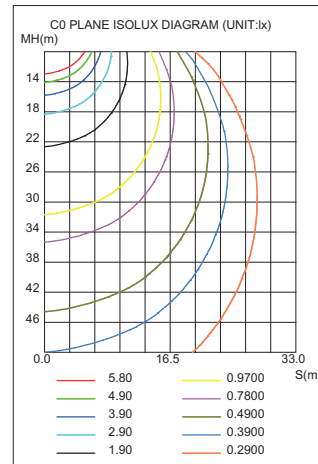
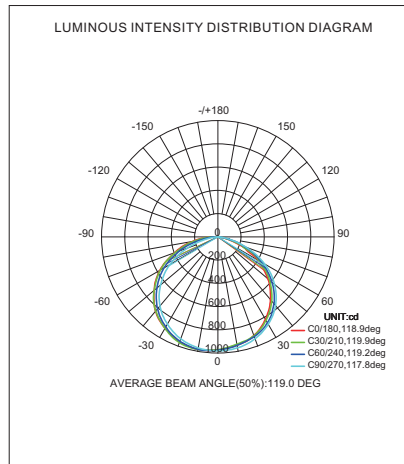


ST8-022-AW-WW-01F(Frosted)

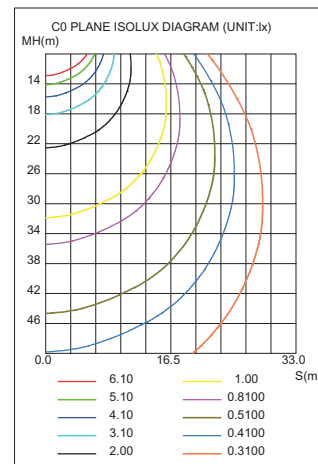
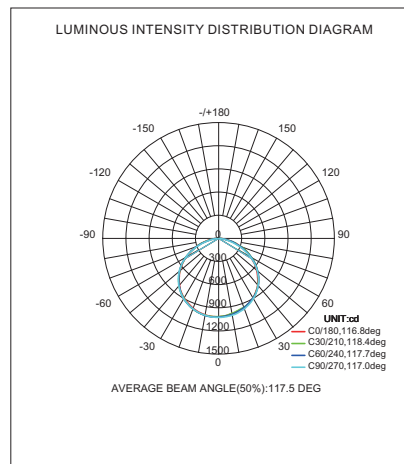




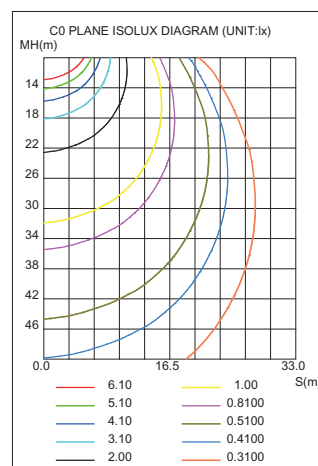
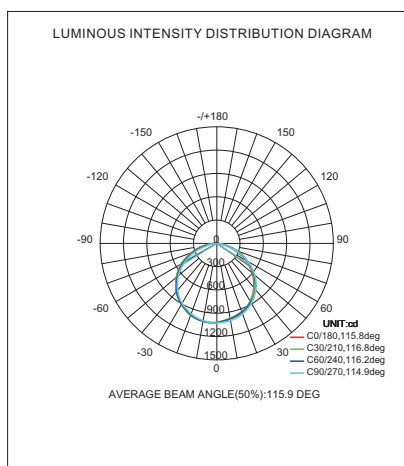
ST8-022-AW-W-01C(Clear)



ST8-022-AW-NW-01C(Clear)



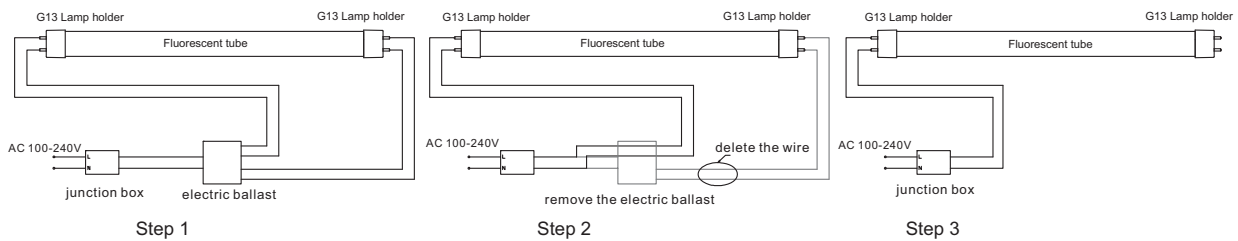
ST8-022-AW-WW-01C(Clear)



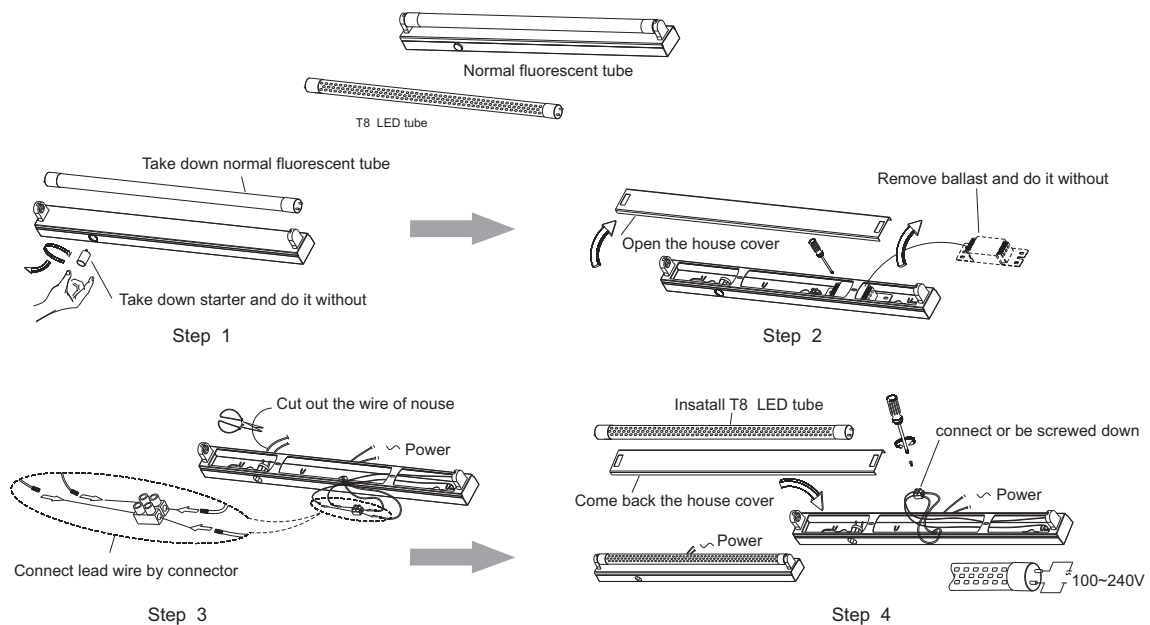
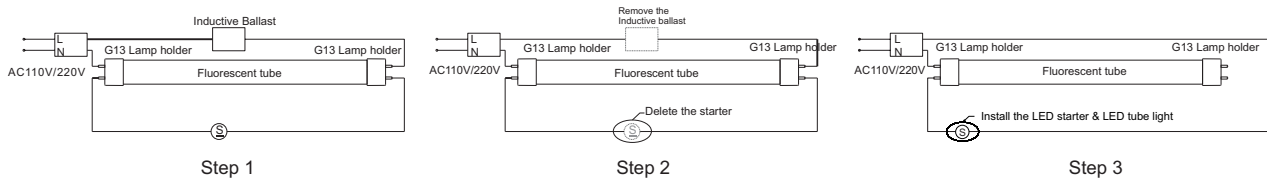


Installation Drawing

How to install LED Tube?



Installation Inductive Ballast



! Notice

Installation information:

Power must be cut off before installation, fix it on the position of installation holes, connection of the power supply must be sealed.

1. Please read the specification first, to make sure the service environment matches the condition in the specification before using.
2. Please confirm the applicable power supply before using.
3. Make sure the switch of product is off before connect to the power supply to prevent electric shock.
4. Operation against rules may damage your property even harm to your personal safety.
5. Preliminarily estimate required quantity of LED lights, then according to the power rating of single flood light to figure out the total power and design power supply plan.
6. Dangerous high voltage, Non-professionals are not allowed to maintain the products.

If the exterior flexible cable or wire is damaged, it must exchange by the supplier, its agent or other similar qualified personnels to avoid dangers.