LED TUBO FLUORESCENTE INDUSTRIAL

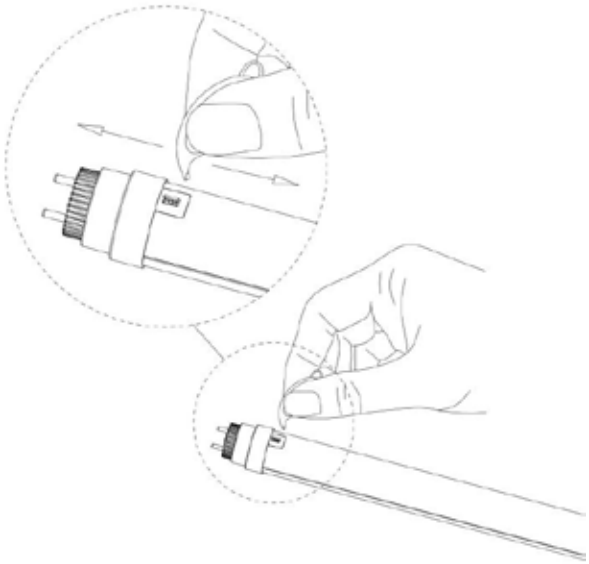


S803-S200 Series T8 LED Tube

IZUMI LED
TECHNOLOGY OF JAPAN

S803-S200 series T8 LED Tube

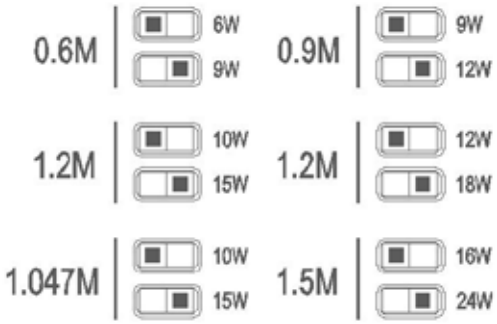




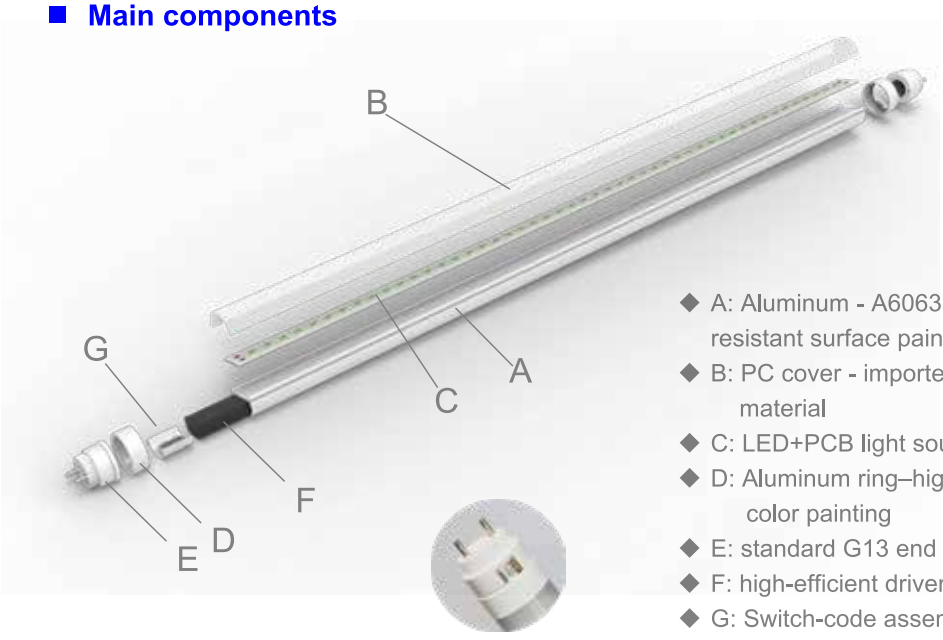
Features

- Safer and more reliable, leading technology.
- Greener and more energy saving, durable structure.
- Higher efficacy to save much more energy.
- Longer Lifespan for very less heat.

Diagram of code switch for power adjustment



■ Main components



- ◆ A: Aluminum - A6063 aluminum with high temperature resistant surface painting
- ◆ B: PC cover - imported PC with high light transmission material
- ◆ C: LED+PCB light source assembly
- ◆ D: Aluminum ring–high-quality aluminum with white color painting
- ◆ E: standard G13 end cap
- ◆ F: high-efficient driver
- ◆ G: Switch-code assembly
- ◆ H: Rotatable end cap is optional

S803-S200 series T8 LED Tube

Benefits

- A6063 aluminum material with excellent heat dissipation, not easy to deform.
- SPD 3KV, effectively prevent the tube from being damaged by on-off switch or instant high voltage.
- Special coating to avoid aluminum exposure.
- Optimal energy conversion, much lower temperature.
- Suitable for lower ambient temperature using.





Application

- Indoor illumination at -20°~+48°C.
- Living area illumination.
- Office area illumination.
- Workshop area illumination.
- Parking lot & hotel area illumination
- Super market & grocery store illumination





Warranty

5-Year Standard Warranty

Technical Parameter

• Electrical

Specification	SL-DG2-0609LT-G8-S SL-DG2-0609LT-G8-S-F	SL-DG4-1015LT-G8-S SL-DG4-1015LT-G8-S-F	SL-DG5-1624LT-G8-S SL-DG5-1624LT-G8-S-F
Rated Power	6W / 9W	10W / 15W	16W / 24W
Input Voltage	AC100-240V		
Input Frequency	50/60Hz		
Power Factor	0.92		

• Optical

Specification	SL-DG2-0609LT-G8-S SL-DG2-0609LT-G8-S-F	SL-DG4-1015LT-G8-S SL-DG4-1015LT-G8-S-F	SL-DG5-1624LT-G8-S SL-DG5-1624LT-G8-S-F
Lumen Output	1200/1800LM	2000/3000LM	3200/4800LM
Lumens Per Watt	200 lm/W		
CCT	3000K / 4000K / 5000K / 5700K /600K/ 6500K		
CRI	≥80		
Beam Angle	Clear cover 120° / Frosted cover 140°		

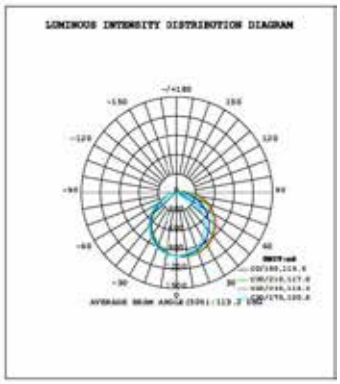
• Environmental

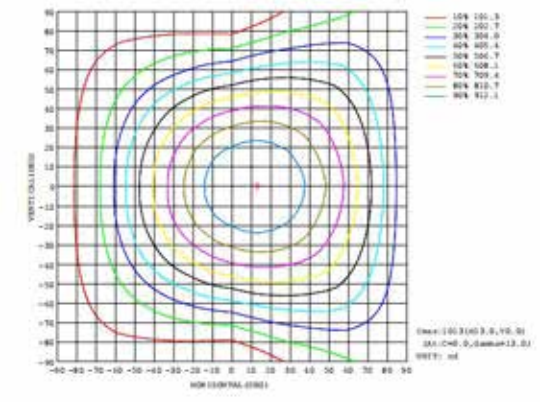
Specification	SL-DG2-0609LT-G8-S SL-DG2-0609LT-G8-S-F	SL-DG4-1015LT-G8-S SL-DG4-1015LT-G8-S-F	SL-DG5-1624LT-G8-S SL-DG5-1624LT-G8-S-F
Ambient Temperature	-20° ~+48° C		

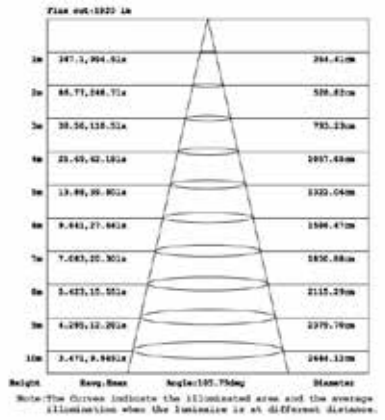
• Mechanical

Specification	SL-DG2-0609LT-G8-S SL-DG2-0609LT-G8-S-F	SL-DG4-1015LT-G8-S SL-DG4-1015LT-G8-S-F	SL-DG5-1624LT-G8-S SL-DG5-1624LT-G8-S-F
Rated current	0.5A		
Start time	< 5S		
Heating time	0.5 hours (heating 60%)		
IP level	IP20		

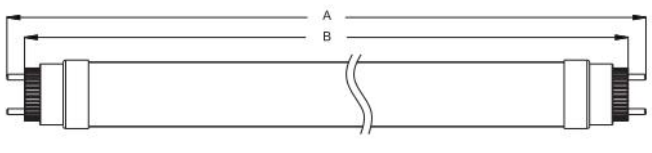
Technical Parameter

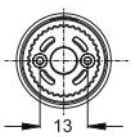


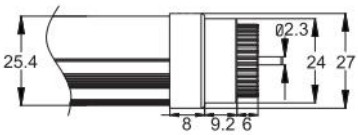




Product Length	0.6m	0.9m	1.047m	1.2m		1.5m	
Rated Power Switchable	6W/9W	9W/12W	10W/15W	10W/15W	12W/18W	16W/24W	20W/24W
Nominal Lifespan	100000H						
Rated Lifespan	100000H						
Turn on-off Times	40000						
Luminous flux maintenance rate	> 7 0%						
IP level	IP20						
Certificates	TUV-CE/SAA/CE/RoHS/LM79						
Energy efficiency rating	A++						
Energy consumption	> 70%						

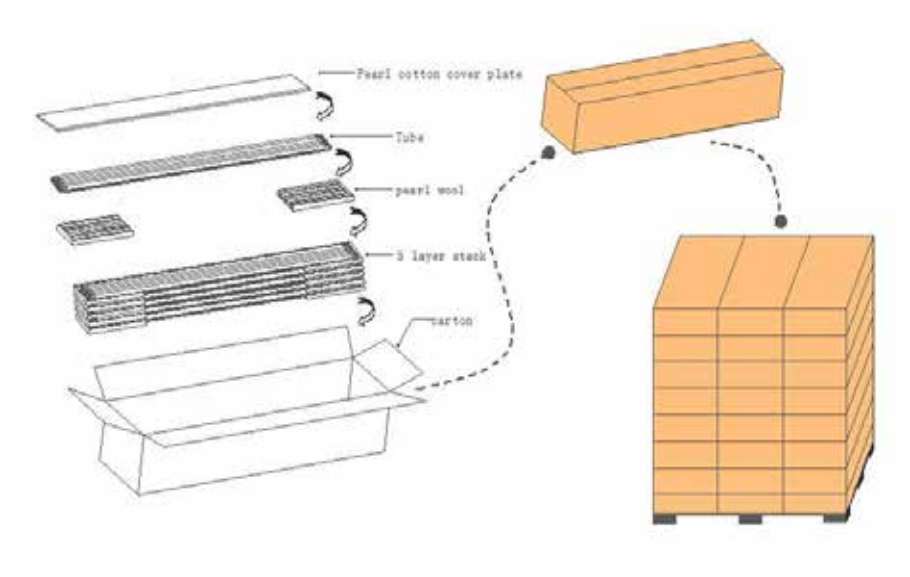






	0.6m	0.9m	1.047m	1.2m	1.5m
A	603mm	907mm	1061mm	1213mm	1513mm
B	588mm	892mm	1047mm	1198mm	1498mm

Product Dimensions



Model	Size	Qty/carton	Weight/carton	Carton Size
SL-DG2-0609LT-G8-S-F	0.6m	25PCS	7.60kg	66*22*22CM
SL-DG3-0912LT-G8-S-F	0.9m	25PCS	9.40kg	96*22*22CM
SL-DG4-1015LT-G8-S-F	1.2m	25PCS	11.80kg	126*22*22CM
SL-DG5-1624LT-G8-S-F	1.5m	25PCS	14.80kg	156*22*22CM

- **Model number naming rules:**

S803 series Tube

SL-DG A - B C X T- Z 8 - X - [F]

- Flicker free: F means LED tube with no Flicker
- Efficacy: T (150-170lm/w) P (170-190lm/w) S (200-220lm/w) R (220-240lm/w)
- Type: 8 (T8 LED tube)
- PC cover: G (Frosted cover) , D (Clear cover)
- CCT: U=2700K, N=3000K, M=3500K, L=4000K, K=4500K,C=5000K,H=6000K, W=6800K
- Power (factory-setting) : 0609 (6/9W) 0912 (9/12W) 1015 (10/15W) 1624 (16/24W)
- Length: 2 (0.6m) 3 (0.9m) 4 (1.2m) 5 (1.5m) E (1.05M)
- Lamp type: DG stands for LED tube
- Company symbol: SL

— This series of products are all named according to the above rules —

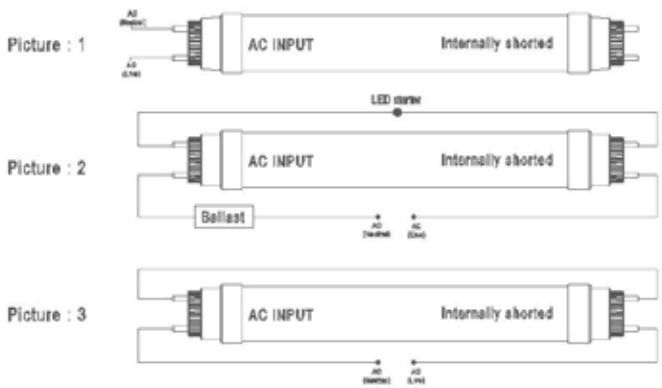
Reliability tests

	Equipment	Standard	Time/times	Sampling QTY	Result
High temperature	High-low Temp Chamber	IEC60068-2-2	24H	10	OK
Low temperature	High-low Temp Chamber	IEC60068-2-2	24H	10	OK
High-Low Temp.	High-low Temp Chamber	IEC60068-2-38	24H	10	OK
Drop test	Drop test stand	IEC60068-2-32	10 times	6	OK
Vibration	Vibration tester	IEC60068-2-64	30min	6	OK
Impact test	AC power supply/relay	Normal temp/volt	on 30s/off 30s 10000 times	6	OK
Adhesion test	Knife/Tape	GBT9286-1998	10 times	10	OK









— rated input voltage AC100-240V –

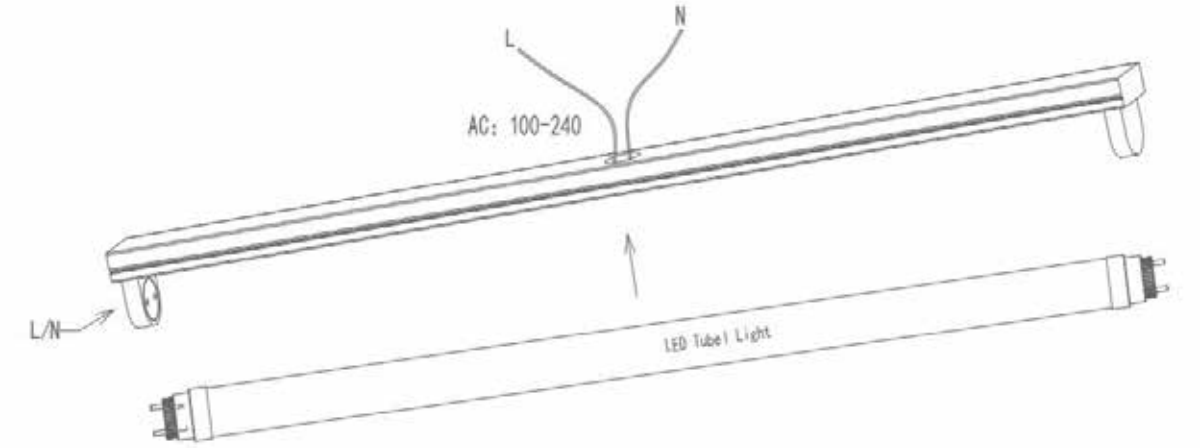
◆ Installation

WARNING: Do not connect mains to "internally shortrd" end! follow picture 1.

Magnetic ballast retrofit: remove starter and replace with a LED starter, follow picture2.

Electronic ballast: remove ballast from the circuit, ***WARNING!*** Only a trained electrician can do this modification! follow picture 3

Installation and precautions



Installation steps:

- Turn off the power before installation
- Make sure the working circuit conforms to the schematic diagram of the product or modify the circuit according to the power connection schematic diagram.
- Confirm the live end of the lamp holder, the other end cannot be connected to live line, and confirm which is the input end of the lamp.
- When the tube has a label with a clear AC input mark in one end and another end is short-circuit end, then the short-circuit end cannot be connected to the power inlet of the bracket.
- Install the tube in the bracket correctly and check whether it has been installed properly.
- Close the power switch to energize after above steps all finished

Precautions:

- Make sure to disconnect the power supply before installing or removing the lamp and use the lamp in the rated voltage range.
- Indoor use only, do not use this product in high humidity or dusty environment.
- Contact the professional maintenance staff to handle if there is any defection.
- Do not look at the lamp for long time when the lamp is working, because the high-brightness light source may cause eye discomfort or damage.
- This lamp is a non-dimmable product, please do not use it with a dimmer.
- The lamp should not be used near flammable objects

- Warning: The lamp can't be covered by heat heat-proof pad or similar material.
- Warning: To reduce the risk of fire and clicks, do not modify the external structure of the lamp (aluminum groove and end cover) and internal parts by yourself.
- Warning: In order to reduce the risk of fire and clicks, the mechanics shall understand the electrical system if they need to install the lamp setting.
- Warning: To prevent damage or abrasion of the wire, please do not expose the wire to the edge of a metal sheet or any other sharp objects.

Storage and maintenance

Storage:

- Moisture-proof: This product is a SMD LED lamp. It should be stored in a dry and ventilated environment. The ideal storage environment temperature is 23±5℃, and the relative humidity is 40-70%.
- It is ideal to use the product within 5 months and ensure the original package is 100% intact, so as to avoid the LED surface silica gel getting wet because of long-term non-using. The LED chip might be damaged after lit-up due to the excessive moisture caused thermal expansion and contraction.
- Please use this product as soon as possible after opening. Then, the storage temperature is 5-30℃, and the relative humidity is below 60%
- The storage area should be equipped with shelves or cabinets, corresponding fire protection facilities, and lamps (including accessories) need to be managed by categories, classifying stored, and correctly labelled. Keep the lamps/lamp accessories/lamp instruction manuals/packaging boxes, etc. for inquiry.

Maintenance :

In order to maintain the best photoelectric performance for long term, the lamp should be wiped/maintained regularly. It is recommended to maintain every six months to one year. Pay attention to below issues:

1. Turn off the input power switch.
2. The lamp can only be disassembled according to the instructions after totally cooled.
3. Use a damp soft cloth to wipe off the dust on the lamp surface during the cleaning.
4. When cleaning plastic devices (such as end cap and pc cover), you shall use the alcohol-free pH neutral detergent and ensure there will be no stain and any damage caused to the plastic parts.

Warning

1. Forbid the operation when power is on.
2. Not applicable to out-door use.

Legal Advice

The total energy efficiency and light distribution depends on the lighting system design. When it comes to the T8 fluorescent lamp replacement.

Disclaim

Subject to change without notice. All explanation rights are reserved by Strong Lumen.