

LED T8 SPECIFICATIONS

G3 Series

*For indoor general illumination replacing
conventional fluorescent*



High Efficacy Imported SMD LED



C-UL US certified

50000 hours service life or 10 years (8-10 hours per day)

Available length: 60cm, 120cm, 150cm

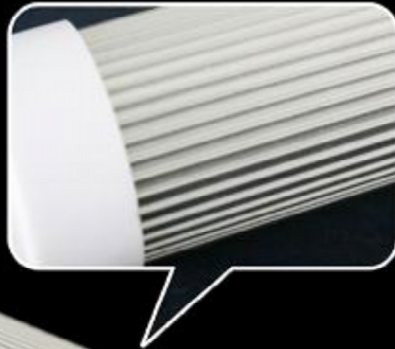
Special designed loop circuit

Patented product

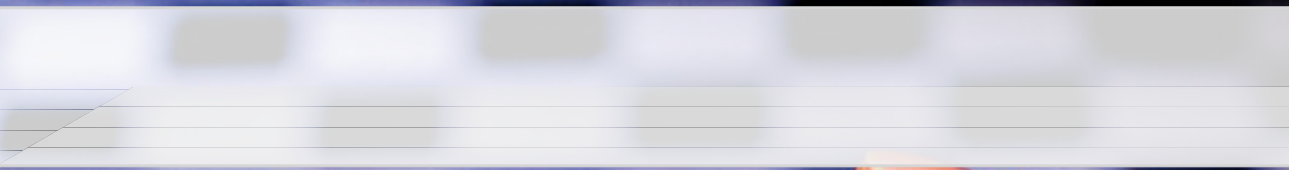
Just remove starter to retrofit

RoHS compliant

Durable extruded anodized aluminum housing
provides efficient heat dissipation



G13 Lamp Base



Mechanical Specifications

Length	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
Weight	307g	559.5g	687.5g
Housing	Aluminum		
Cover	PC		
Tube Diameter	T10		
Base Type	G13		
Work Environment	Indoor use (applicable for dry environment)		

Electrical Specifications

	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
LED Quantity	32LEDs	64LEDs	80LEDs
Power Consumption	9W ±1W	18W±1W	21W±1W
Input Voltage	100~277VAC		
Power Factor	>0.95		
Lighting Source	SMD LEDs		
Operation Temperature	-20~40°C (-4~104°F)		

Optical Specifications

	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
Lumens	750~880 lm	1700~1800 lm	2000~2100 lm
Color Range	Warm to Daylight White		
Color Temperature	3000~6500K		
CRI	>75		
Beam Angle	120°		
Lumen Maintenance	>98%@1,000hrs		

Certificates

Conforms to the following standards:

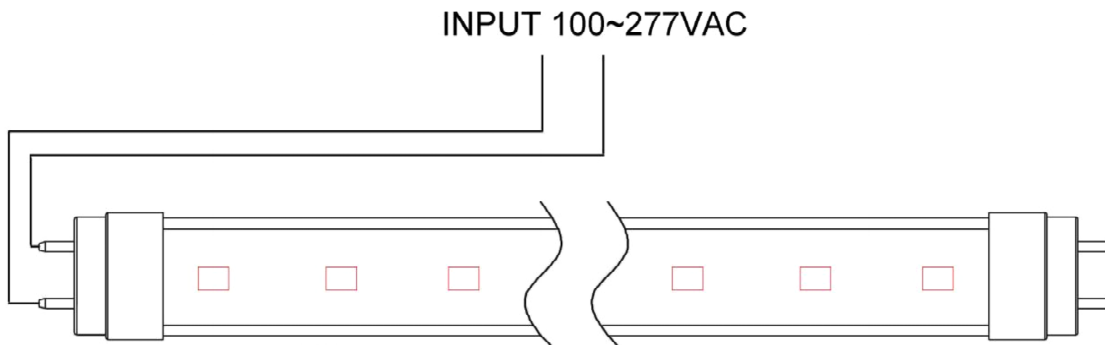
UL certificates:



Limited Warranty

Five-year Limited Warranty.

Wiring Diagram



Ordering Information

Part Number	Description	Unit
ECO-A-2G3-I	G3 IPS US, T8, Natural White, 32LEDs, 0.6m, 100~277VAC, 120 degree, SMD LED, Dotted Lens	pcs
ECO-A-4G3-I	G3 IPS US, T8, Natural White, 64LEDs, 1.2m, 100~277VAC, 120 degree, SMD LED, Dotted Lens	pcs
ECO-A-5G3-I	G3 IPS US, T8, Natural White, 80LEDs, 1.5m, 100~277VAC, 120 degree, SMD LED, Dotted Lens	pcs

Eco-friendly, absolutely green

	ECO-A-4G3-I	Conventional Fluorescent Lights
Power consumption	18W	40W
Life span	50,000 hours	9,000~15,000 hours
Radiation	RoHS compliant	UV, IR
Toxicant	RoHS compliant	Toxic phosphor powders, Mercury (Hg), Lead (Pb)
CO ₂ emission	Low	High
Heat damage	No	High
Fragile	Durable, Aluminum Housing and PC Cover	Fragile Glass
Burn out failure	No	Yes
Flicker	Never	Frequently
Light wasted on reflector	No	High
Buzzing	No	Yes
EMI emissions	No, friendly to electronic equipment	Yes, harmful to electronic equipment
Recyclable	Yes	No
Low temperature working environment	Compatible	Incompatible
Ballast needed	No	Yes
Starter needed	No	Yes
Maintenance Fee	Low	High



Sample Projects





Recommended Applications

General illumination for homes, offices, restaurants, hotels, malls, buses, trains, warehouses, parking lots etc;

Task lighting for cabinets, cupboards etc in your homes, restaurants, and kitchens or any other places where accent lighting is required.

Retail display lighting for the articles in your stores and shops;

Back lighting for square billboards or advertisement boards.

