



LED TUBE LIGHT >>>



Zenergy

Aryam Australia Group  ARYAM



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Aryam Australia Group  **ARYAM**

Company Profile



Znergy® is a global brand that represents excellence in quality for technologically advanced electrical products. Znergy® as a global brand is a proprietary of the Aryam Global Group.

The Aryam Global Group represents a global alliance with ISO Standard approved plants that employ more than 1500 permanent employees and has an annual group turnover of \$USD 2.2 Billion in electrical & solar sales.

Some of our major manufacturing includes:

Znergy® electrical cable

Aryam Energy® solar & renewable energy components

Znergy Electric® switchgear components

Znergy Electric® electrical switch & components

Znergy Electric® LED lighting products In Australia, we are part of the Aryam Australia Group representing Znergy Cable. Our manufacturing has cutting edge technology producing electrical cable from

Low Voltage to High Voltage, and any specialist cables in Mining, Fire, LSZH, Shipping, Instrumentation, Oil & Gas, Solar, undersea submersible and industrial cables.

Our Znergy® design for electrical components is driven by our belief in technology for people. It is engineered with innovation to provide quality and benefit for an industry driven economy.

In the renewable sector, Aryam Energy® is a brand leader in the field of solar power system and solar lighting solutions. which has undertaken over 50,000 successful projects in more than 56 countries all over the world. Since 2006, Aryam Energy has been producing innovative and cost-effective solar power products. which created unsurpassed levels of high-efficiency and reliability on 11 technology patents. Aryam Energy's main products include solar power system and

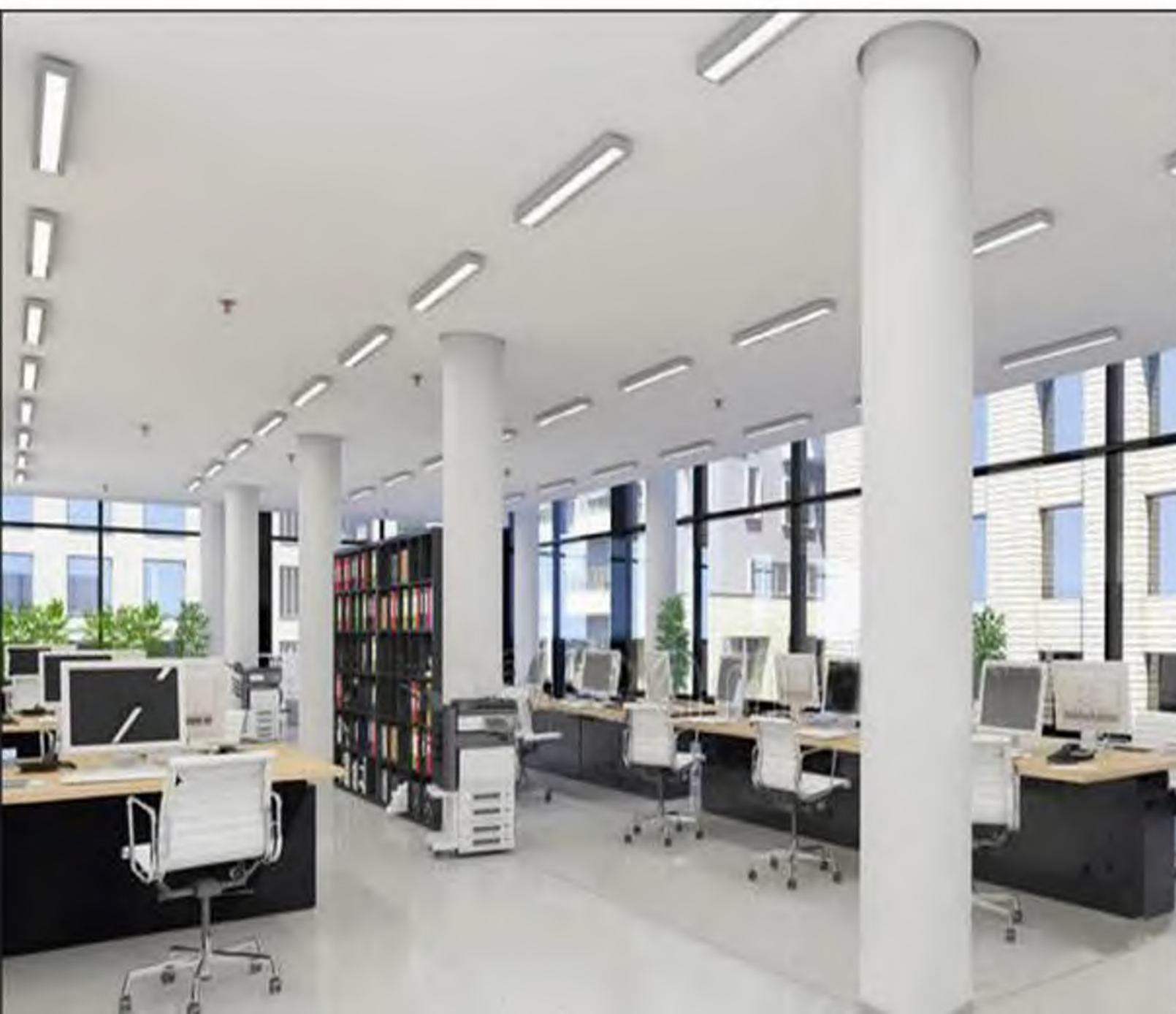
solar street light and related PV products such as PV modules rack system. PV controller and PV inverter. ISO, CE, ROHS, TUV and SGS certify all products. In partnership with a larger global affiliation, the group provides state of art manufacturing and design.

Znergy® as a global brand is represented in USA by the Aryam America Group. In India, we are Aryam Energy India Group, and in New Zealand we are Aryam New Zealand Group.



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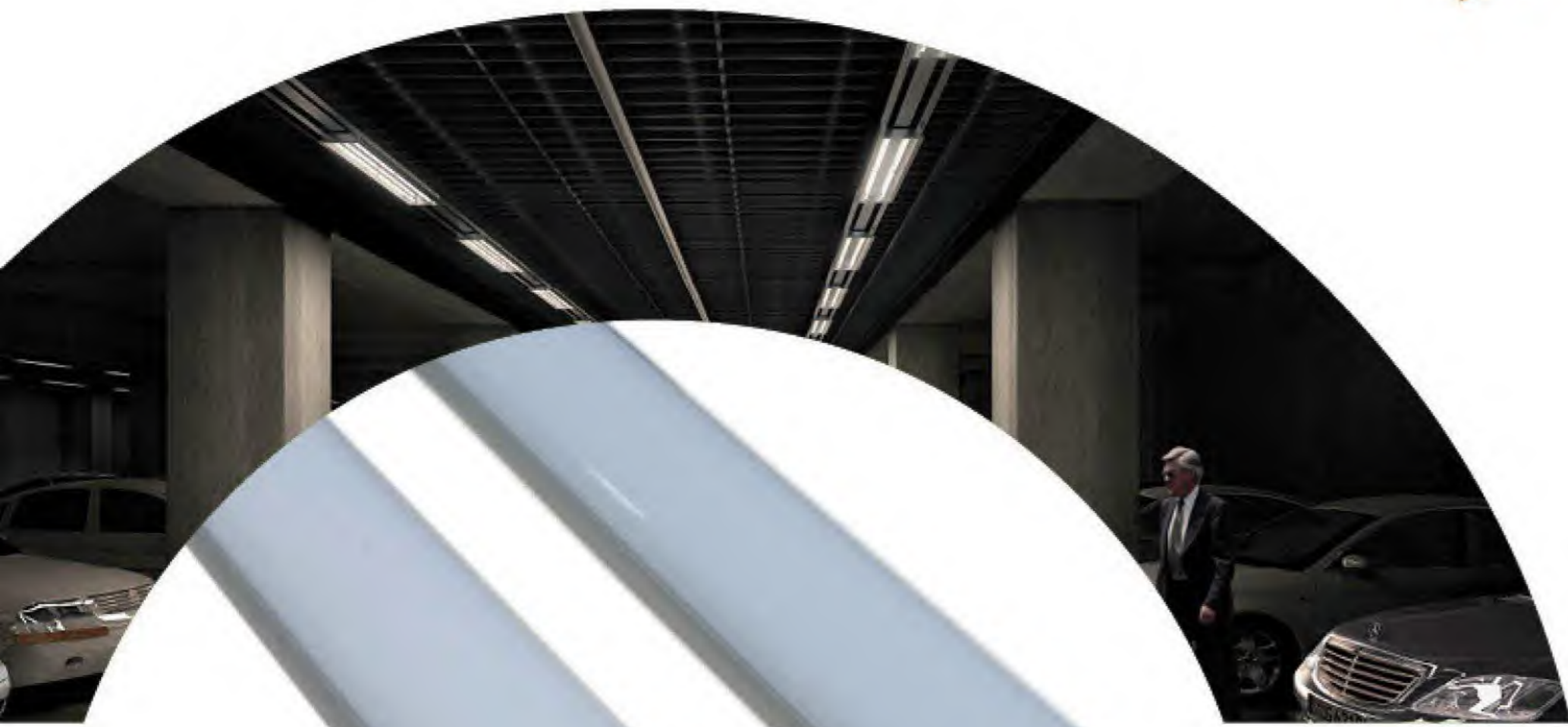


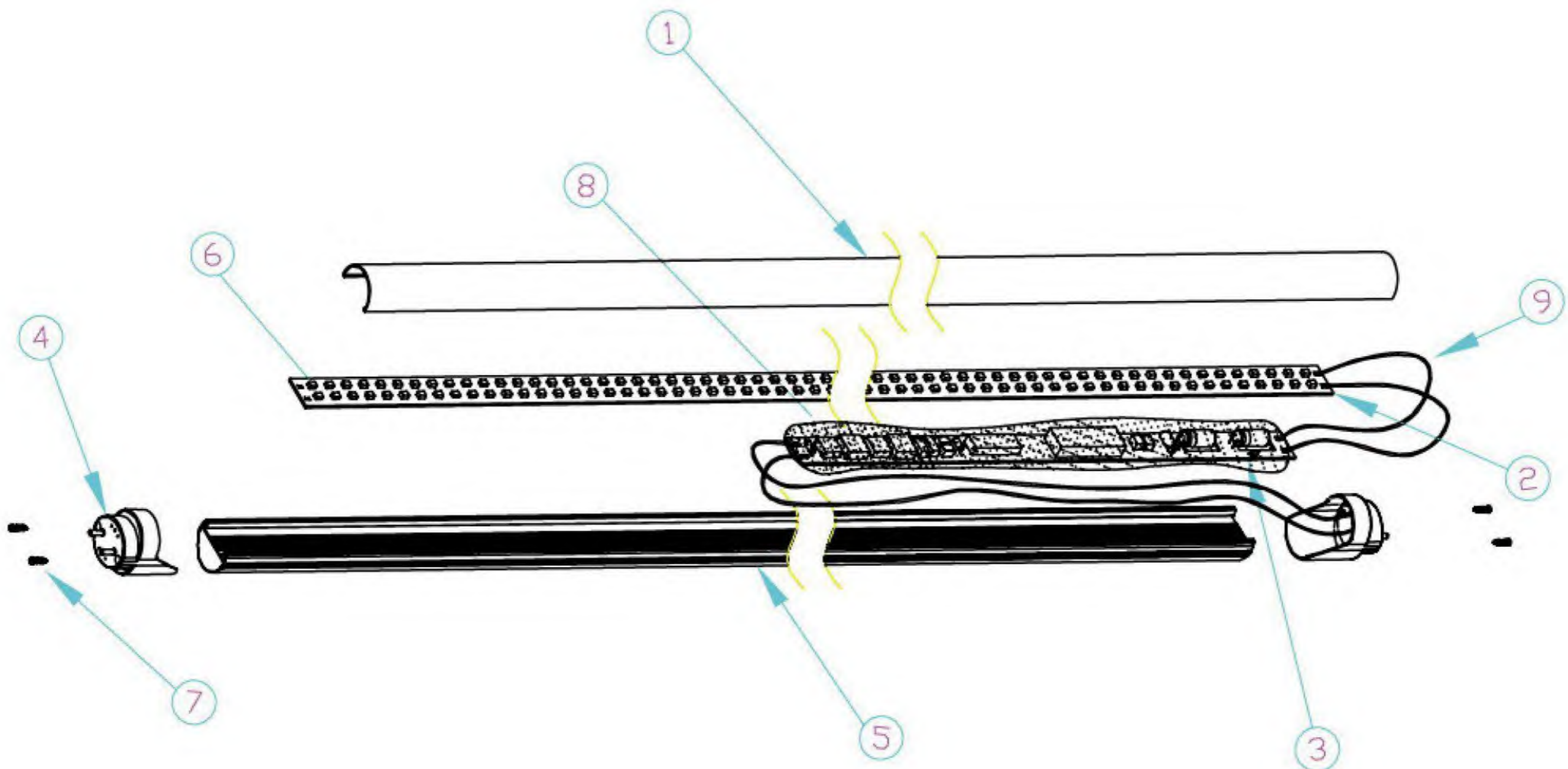


LED TUBE SERIES



CRI >70
>80
>90





1.Frosted or transparent PC

4.G13 lamp cap

7.Screws

2.Aluminum PCB

5.High-quality Al material

8.Heat-shrinkable t bush

3.Internal power supply

6.International brand LED chip

9.Wires



Use international well-known LED chips and high-quality Al PCB, with



Use high-end Aluminum profile for better heat dissipation.



High-end PC cover with nice light transmittance(>85%). Transparent



Internal or external LED constant-current power supply special for LED

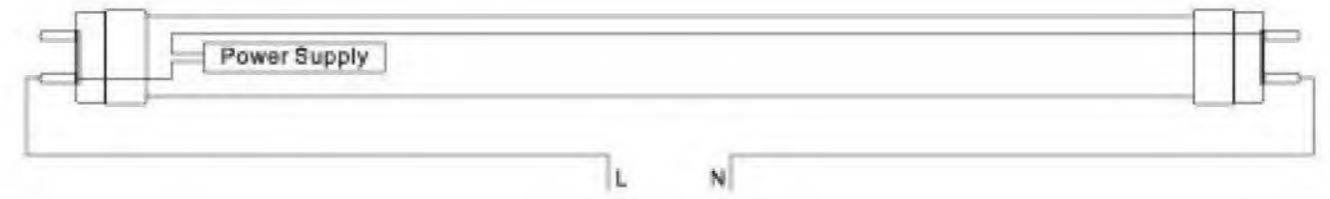
Method of installation/LED Tube Light Info

1. Installation drawing for internal LED tube

1.1 One side power in

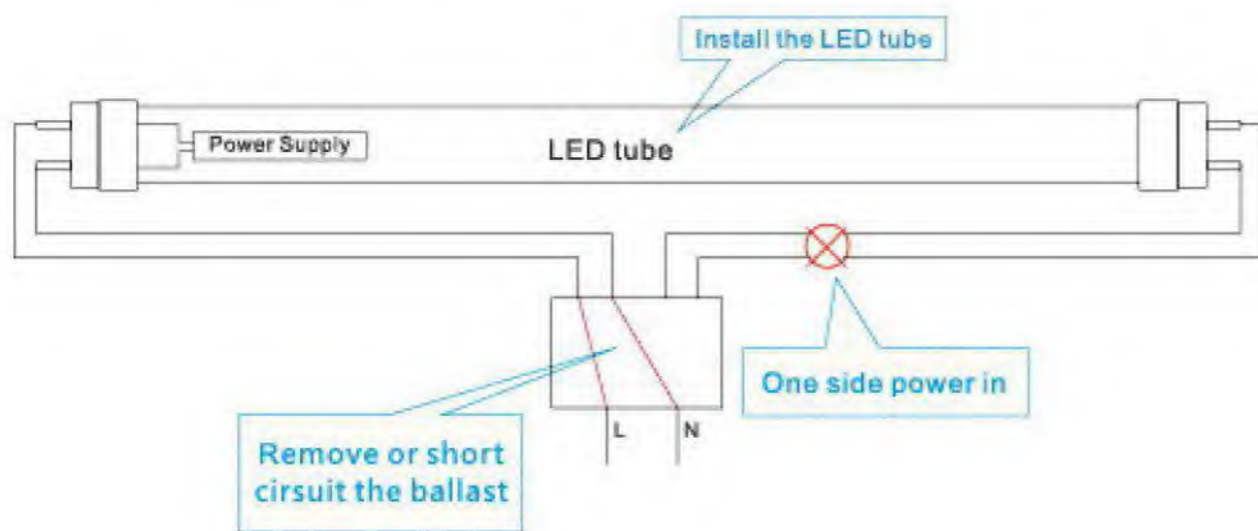


1.2 Both sides power in

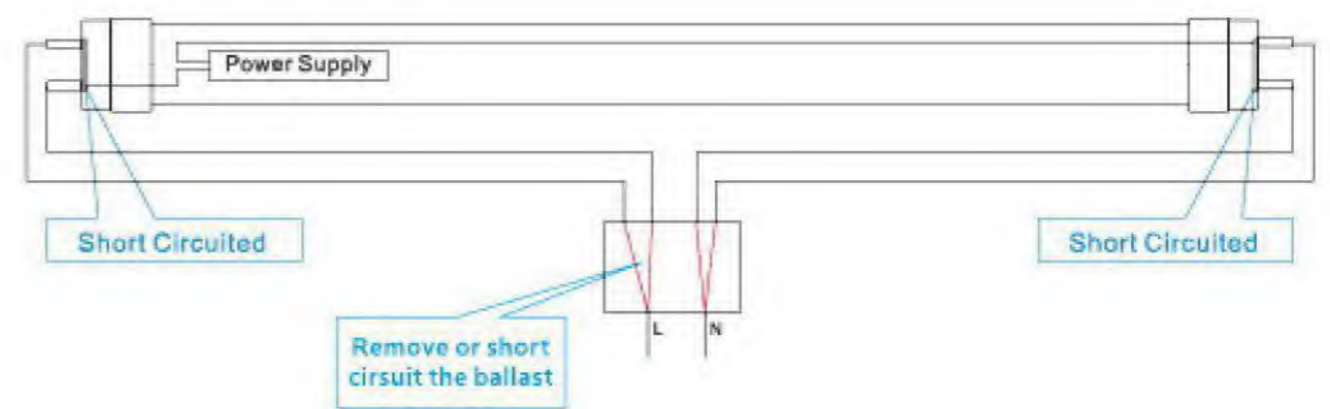


2. Installation for lampholder with electronic ballast.

2.1 One side power in

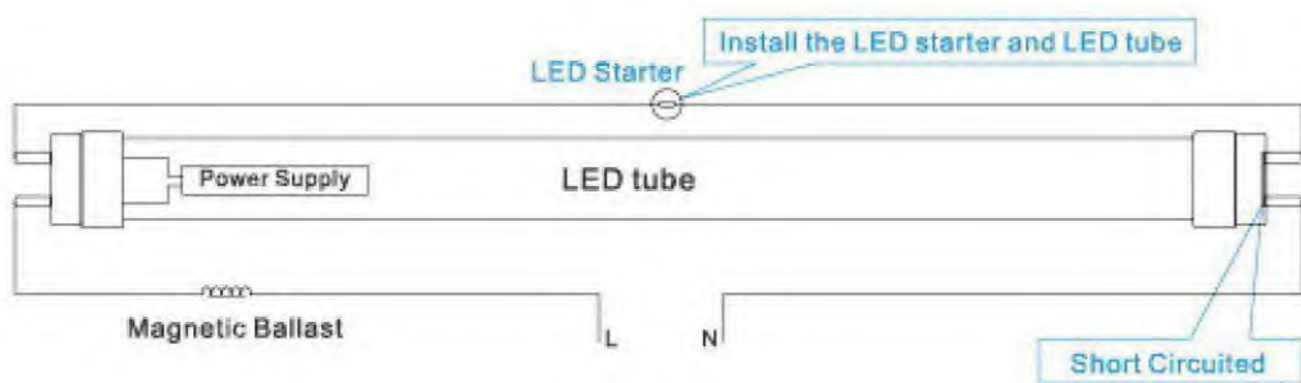


2.2 Both sides power in

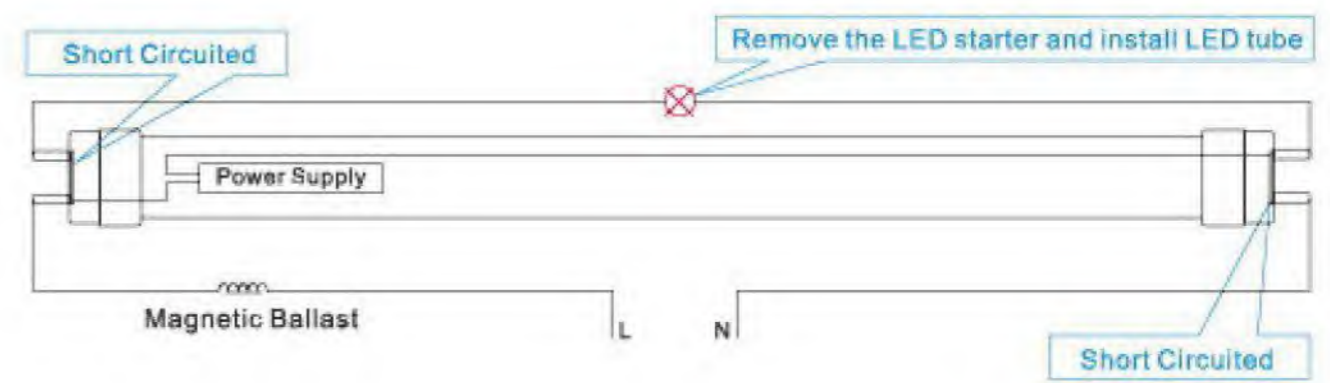


3. Installation for lampholder with magnetic ballast and starter.

3.1 One side power in

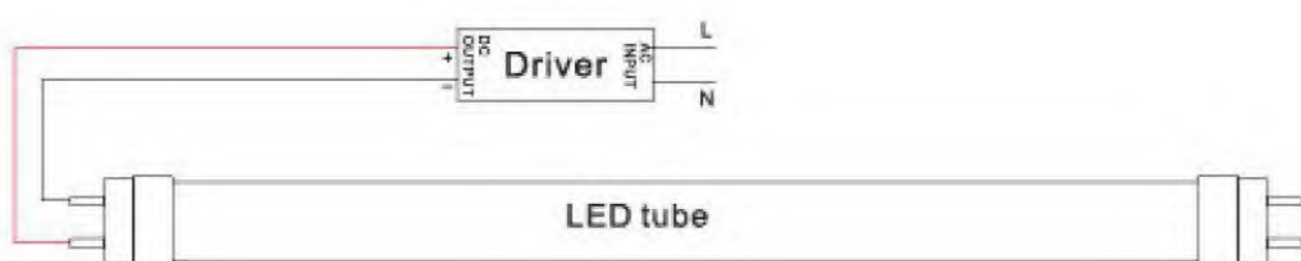


3.2 Both sides power in

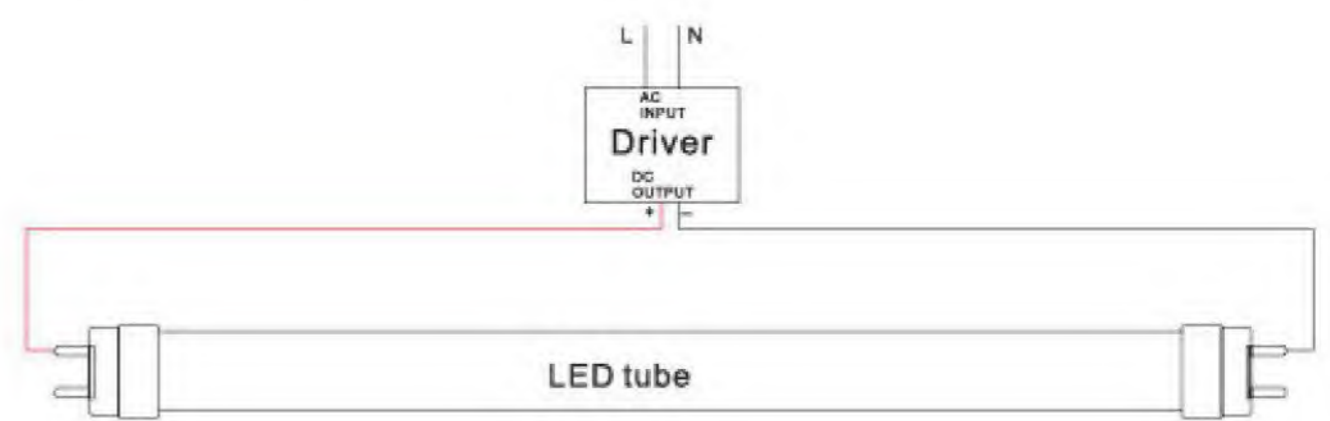


4. Installation drawing of external LED tube

4.1 One side power in



4.2 Both sides power in

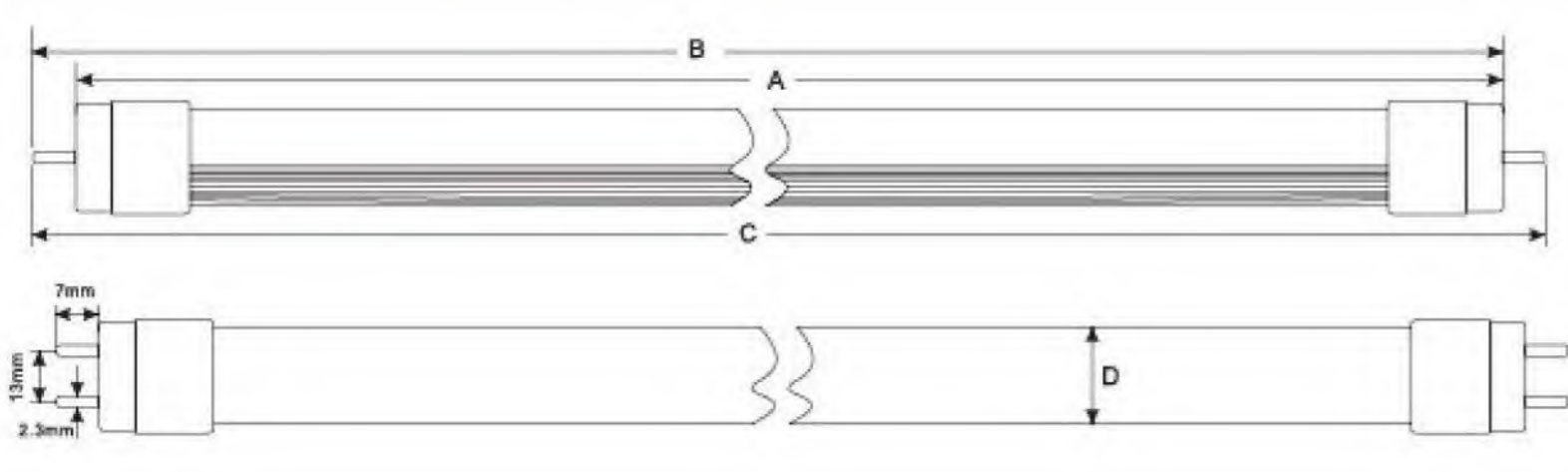


T8 SAA/TUV Approved LED Tube



	140° Beam Angle	SMD2835 LED TYPE
Isolated Internal Power Supply		AC 90V~ 265V
<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime		
-20°C ~ +40°C Ambient Temperature		+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)	Electromagnetic Radiation (with prohibition sign)
<input checked="" type="checkbox"/> One Side Power in		

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
900	894	902	909	26
1200	1198	1206	1213	26
1500	1498	1506	1512	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810A T810B	0.6M	10W	AC90-265V 50/60Hz	≥0.9	SMD2835	54/108 pcs	WW:2500-2800K 2800-3200K DW:3750-4250K PW:4750-5250K 5500-6500k	≥72 or ≥80	≥95 lm/W ≥110 lm/W	140°
T815A T815B	0.9M	15W				84/156 pcs				
T820A T820B	1.2M	20W				110/192 pcs				
T825A T825B	1.5M	25W				156/234 pcs				
T830A T830B	1.5M	30W				156/234 pcs				

Applications

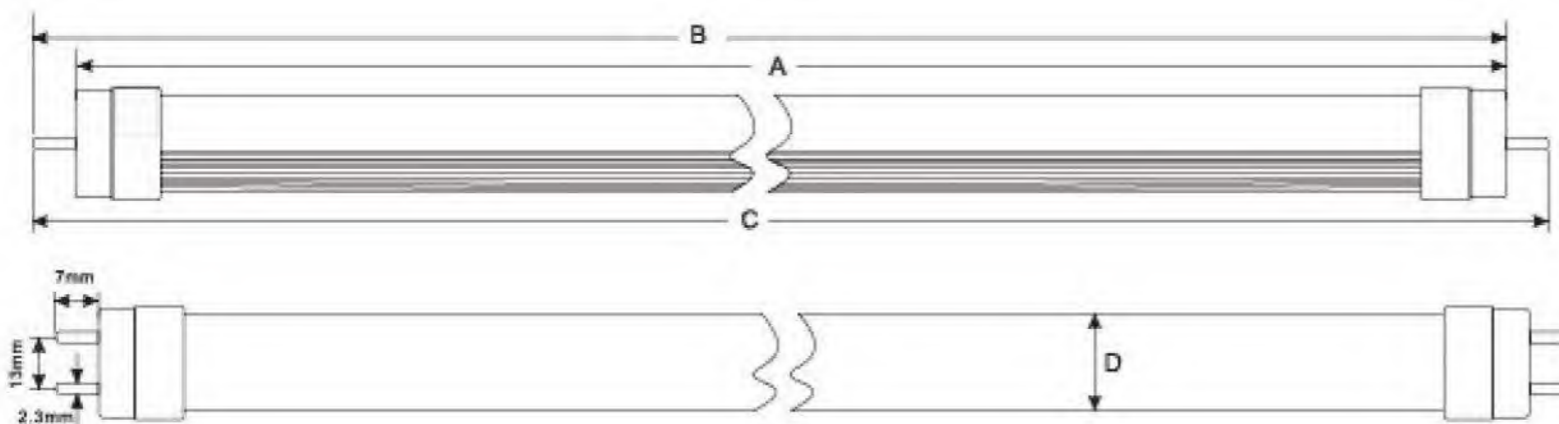
Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

T8 UL Approved LED Tube



<input type="checkbox"/>	140° Beam Angle	SMD2835 LED TYPE
Isolated Internal Power Supply	<input type="checkbox"/>	<input checked="" type="checkbox"/> AC 90V~ 265V
<input type="checkbox"/>	<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input type="checkbox"/>
<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	<input type="checkbox"/>	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
<input checked="" type="checkbox"/> Mercury	<input checked="" type="checkbox"/> Lead	<input checked="" type="checkbox"/> Electromagnetic Radiation
<input checked="" type="checkbox"/> One Side Power in		

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
1200	1198	1206	1213	26
1500	1498	1506	1513	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810M	0.6M	10W	AC90-265V 50/60Hz	>0.9	SMD2835	60 pcs	WW:2500-2800K 2800-3200K	>72 or >80	>95 lm/W	140°
T820M	1.2M	20W		>0.95		120 pcs	DW:3750-4250K PW:4750-5250K			
T825M	1.5M	25W		>0.95		156 pcs	5500-6500k			

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

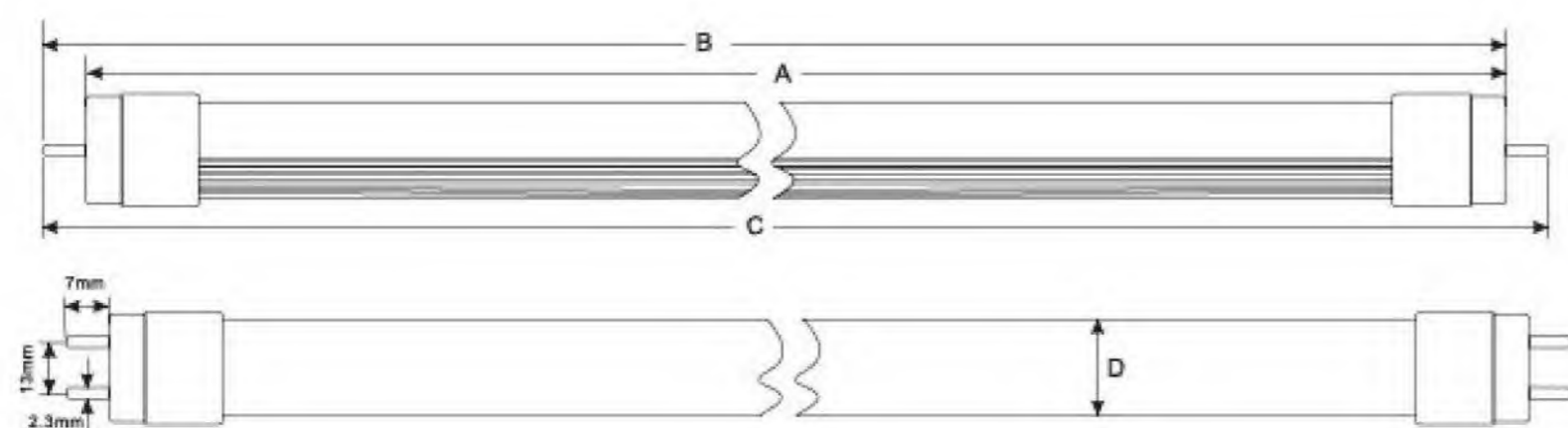
T8 ETL Approved LED Tube



140° Beam Angle	SMD3014 LED TYPE
Isolated Internal Power Supply	AC 90V~ 265V
<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	
-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)
Electromagnetic Radiation (with prohibition sign)	

One Side Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
900	894	902	909	26
1200	1198	1206	1213	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T808E	0.6M	8W	AC90-265V 50/60Hz	≥0.95	SMD3014	108 pcs	WW:2800-3200K DW:4000-4750K PW:5500-6500K	>72 or >80	>100 lm/W	140°
T810E	0.6M	10W				108 pcs				
T815E	0.9M	15W				156 pcs				
T818E	1.2M	18W				192 pcs				
T820E	1.2M	20W				192 pcs				

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

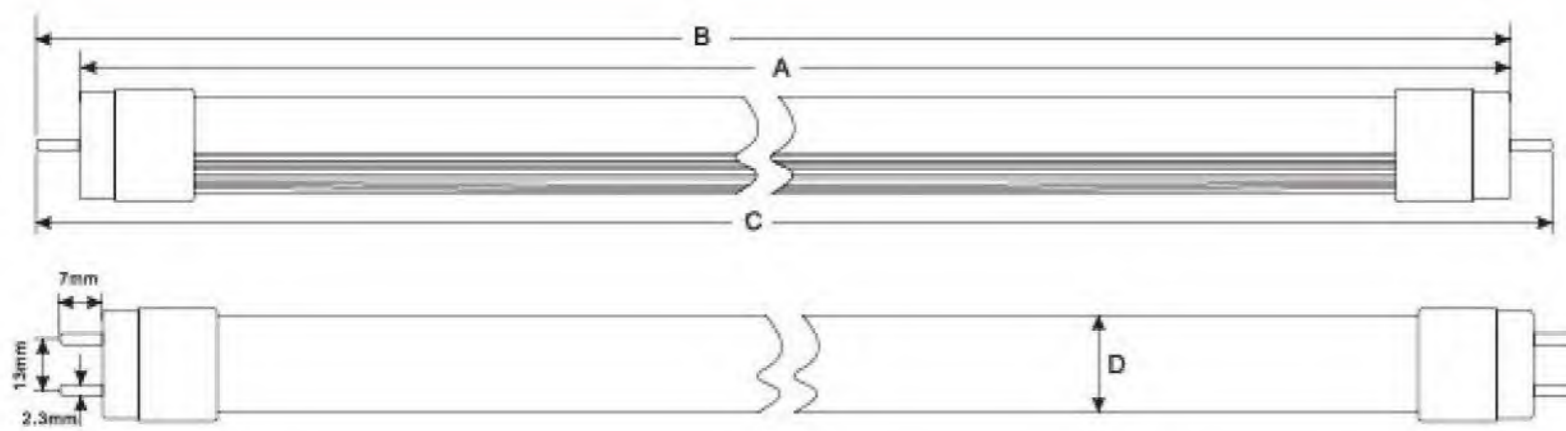
T8 VDE Approved LED Tube



	140° Beam Angle	SMD3528 LED TYPE
Isolated Internal Power Supply		AC 90V~ 265V
<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime		
-20°C ~ +40°C Ambient Temperature		+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)	Electromagnetic Radiation (with prohibition sign)

One Side Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
900	894	902	909	26
1200	1198	1206	1213	26
1500	1498	1505	1512	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810P	0.6M	10W	AC90-265V 50/60Hz	≥0.90	SMD3528	144 pcs	WW:2800-3200K DW:4000-4750K PW:5500-6500K	≥72 or ≥80	≥100 lm/W	140°
T820P	1.2M	20W				288 pcs				
T825P	1.5M	25W				396 pcs				

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

T8 CE Approved Full plastic plus AL LED Tube

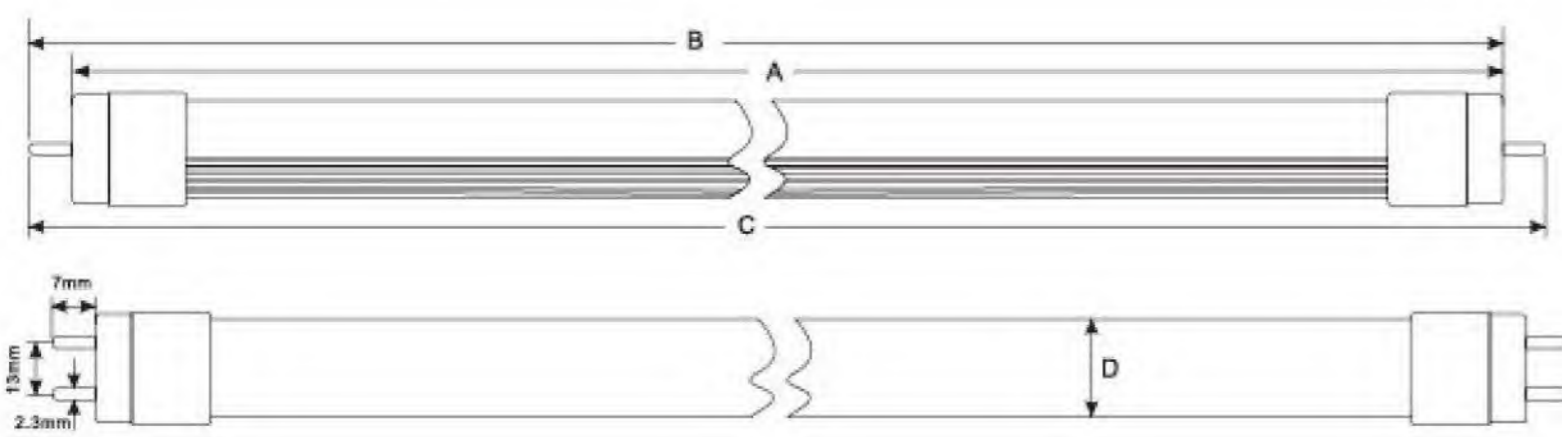


<input type="checkbox"/>	140° Beam Angle	SMD2835 LED TYPE
<input type="checkbox"/> Non-Isolated Internal Power Supply	<input type="checkbox"/>	<input checked="" type="checkbox"/> AC 200V~ 240V
<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	<input type="checkbox"/>	<input type="checkbox"/>
-20°C ~ +40°C Ambient Temperature	<input type="checkbox"/>	+42°C ~ +45°C Surface Temperature
<input checked="" type="checkbox"/> Mercury	<input checked="" type="checkbox"/> Lead	<input checked="" type="checkbox"/> Electromagnetic Radiation

One Side Power in

Both Sides Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
900	894	902	909	26
1200	1198	1206	1213	26
1500	1498	1505	1512	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T809L	0.6M	9W	AC200-240V 50/60Hz	>0.5	SMD2835	86 pcs	WW:2500-2800K	>72 or >80	>90 lm/W	140°
T815L	0.9M	15W				86 pcs	2800-3200K			
T818L	1.2M	18W				88 pcs	DW:3750-4250K PW:4750-5250K			
T825L	1.5M	25W				172 pcs	5500-6500k			

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

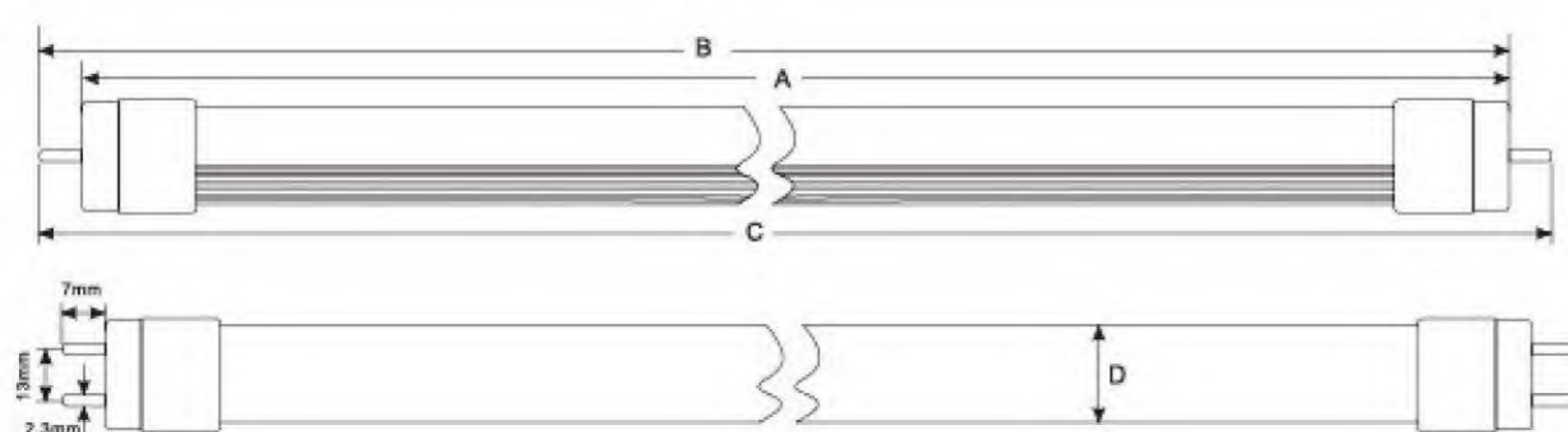
T8 CE Standard and No Flicker



	140° Beam Angle	
	SMD2835 LED TYPE	
Non-Isolated Internal Power Supply		AC 165V~ 265V
<input type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)	Electromagnetic Radiation (with prohibition sign)

- One Side Power in
- Both Sides Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
1200	1198	1205	1212	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810K	0.6M	10W	AC165-265V 50/60Hz	≥0.9	SMD2835	54 pcs	WW:2500-2800K 2800-3200K	>70 or >80	>90 lm/W	140°
T818K	1.2M	18W				110 pcs	DW:3750-4250K PW:4750-5250K 5500-6500k			

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

T8 Promotional LED Tube

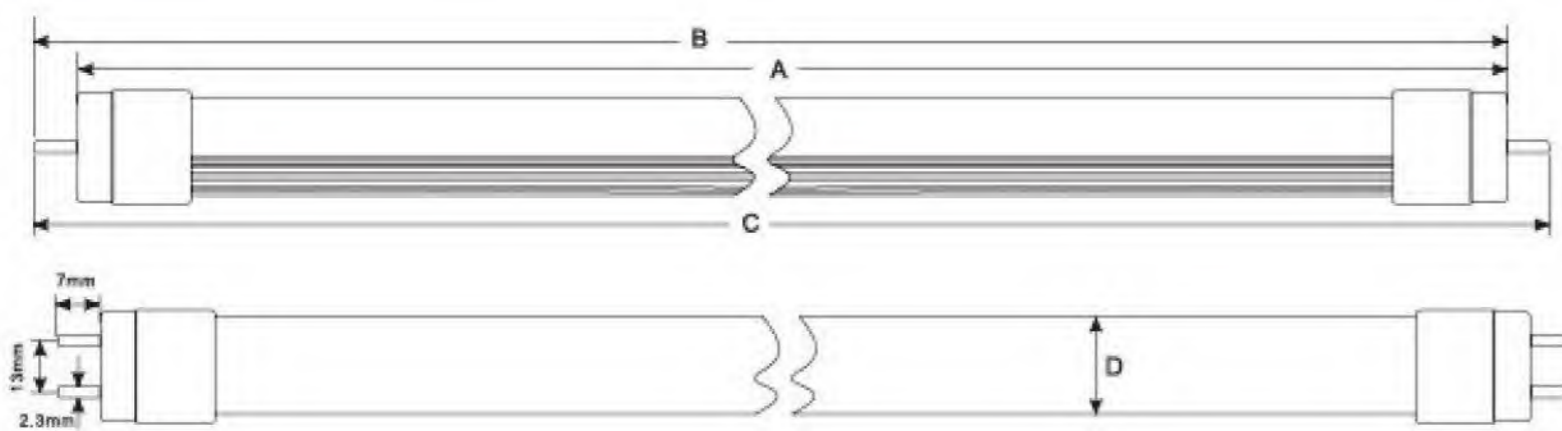
AC90-265V
>100 lm/W
CRI≥80



	140° Beam Angle	
	SMD2835 LED TYPE	
Non-Isolated Internal Power Supply		AC 90V~ 265V
<input checked="" type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)	Electromagnetic Radiation (with prohibition sign)

- One Side Power in
- Both Sides Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
1200	1198	1205	1212	26
1500	1498	1505	1512	26

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810G	0.6M	10W	AC90-265V 50/60Hz	>0.9	SMD2835	54 pcs	WW:2500-2800K 2800-3200K	>70 or >80	>90 lm/W	140°
T818G	1.2M	18W				110 pcs	DW:3750-4250K PW:4750-5250K			
T825G	1.5M	25W				144 pcs	5500-6500k			

Applications

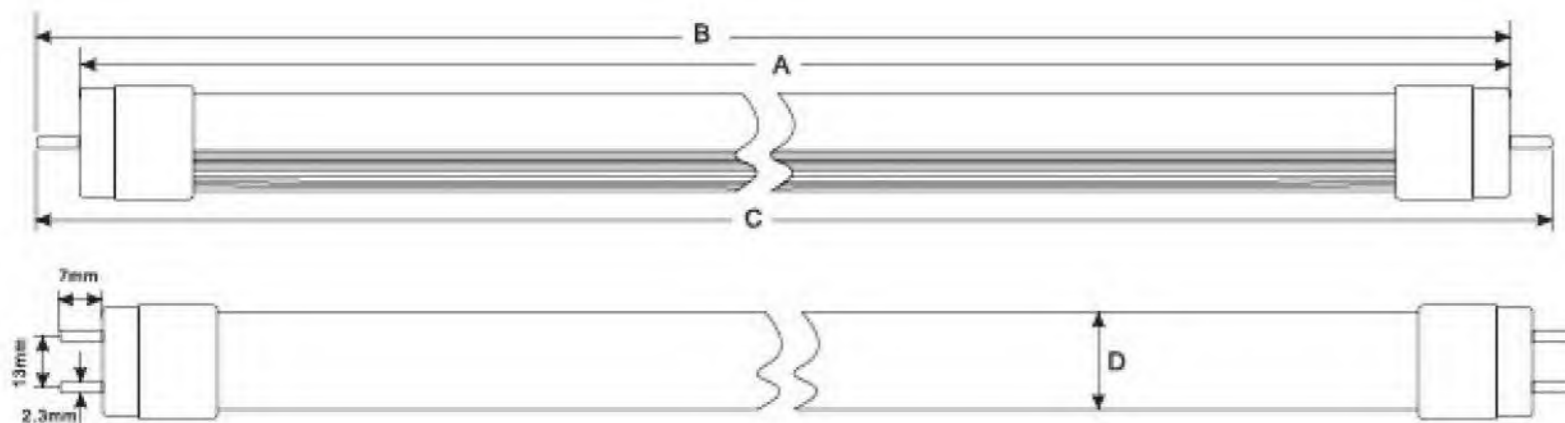
Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

Magnetic Electronic Compatible T8 LED Tube



Compatible Internal Power Supply		140° Beam Angle
Non-Isolated Internal Power Supply	AC 90V~ 265V	SMD2835 LED TYPE
	<input type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube	
<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover		Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
Mercury (with prohibition sign)	Lead (with prohibition sign)	Electromagnetic Radiation (with prohibition sign)

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
600	590	597	604	26
1200	1198	1205	1212	26
1500	1498	1505	1512	26


Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T810N	0.6M	10W	AC90-265V 50/60Hz	>0.9	SMD2835	54pcs	WW:2500-2800K	>70 or >80	>100 lm/W	140°
T820N	1.2M	20W				110pcs	2800-3200K			
T824N	1.5M	24W				144pcs	DW:3750-4250K PW:4750-5250K 5500-6500k			

Installation Instruction




Compatible LED Tube	Replace	Magnetic traditional fluorescent tube	No need change any wire, No need remove the fluorescent tube starter
Compatible LED Tube	Replace	Electronic traditional fluorescent tube	No need change any wire

Waterproof LED Tube

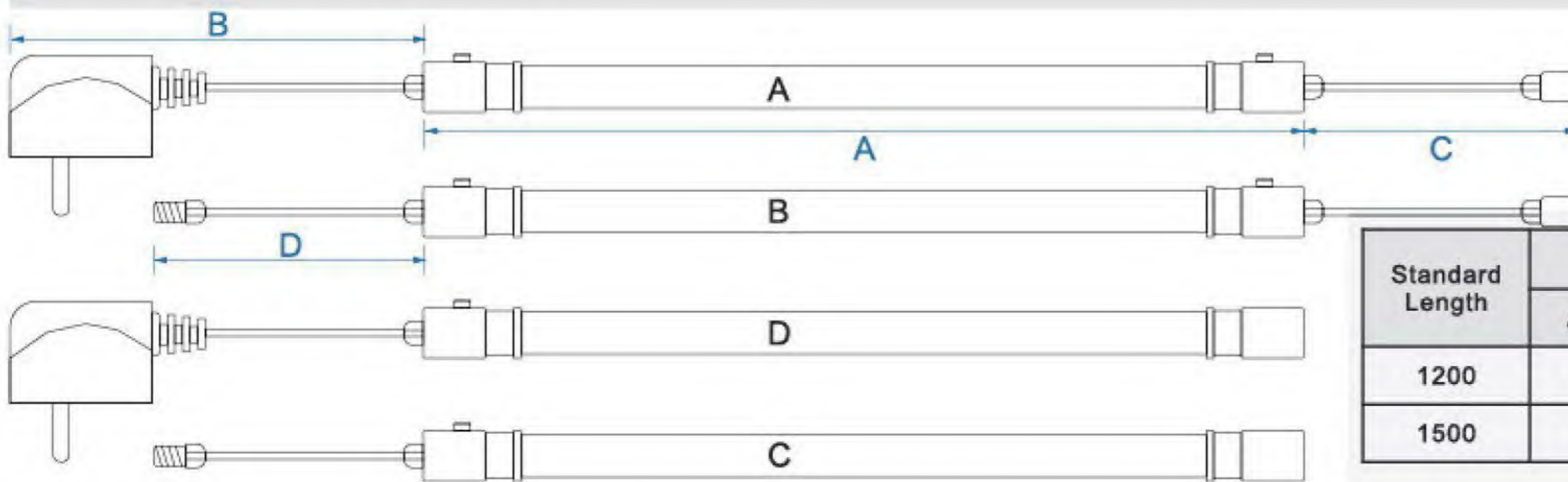
AC90-265V
>100 lm/W
CRI≥80

IP65 



	IP65 Waterproof Design	
Isolated Internal Power Supply	PC Tube Body 灯体材质	140° Beam Angle
AC 90V~ 265V		<input type="checkbox"/> Elliptical tube <input checked="" type="checkbox"/> Circular tube
SMD2835 LED TYPE	<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover	Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature
		

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)			
	A (max)	B (max)	C (max)	D (max)
1200	1240	1000	200	200
1500	1540	1000	200	200

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T1020A	1.2M	20W	AC90-265V 50/60Hz	>0.9	SMD2835	240 pcs	WW:2800-3200K DW:4000-4750K PW:5500-6500K	>70 or >80	>100 lm/W	140°
T1025A	1.5M	25W				288 pcs				

- A: the input side with 1m AC plug wire out, the output side with 20cm waterproof female connector out
- B: One side with 20cm waterproof male connector out, the other side with 20cm waterproof female connector out
- C: One side with 20cm waterproof male connector out, the other side with waterproof end cap
- D: One side with 1m AC input plug wire, the other side with waterproof end cap

Applications

Outdoor lighting, Refrigerator or freezer show lighting, Cold storage lighting, Other humid environments lighting, etc.

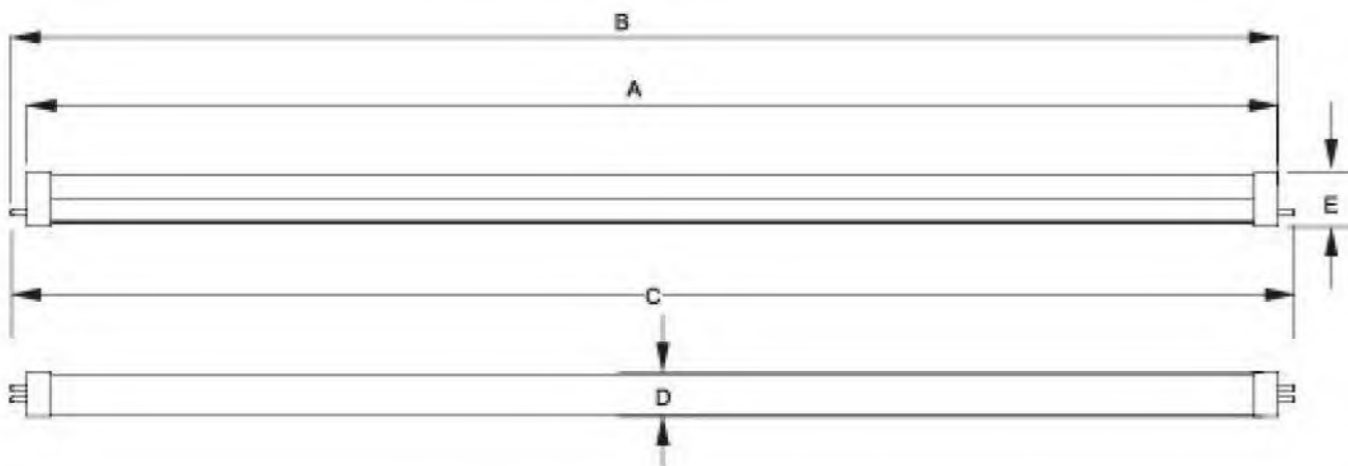
T5 with Internal Power Supply LED Tube



Replace T5 Fluorescent Tube		140° Beam Angle
Constant Current Internal Power Supply	AC 200V~ 240V	SMD2835 LED TYPE
<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover		Transmittance >85% High-Grade PC Cover
	50000 hrs Lifetime	
-20°C ~ +40°C Ambient Temperature		+42°C ~ +45°C Surface Temperature
Mercury	Lead	Electromagnetic Radiation

Both Sides Power in

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)				
	A (max)	B (max)	C (max)	D (max)	E (max)
0.6M	549	556	563	16	20
1.2M	1149	1156	1163	16	20

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T508A	0.6M	8W	AC200-240V 50/60Hz	>0.5	SMD2835	96 pcs	WW:2500-2800K 2800-3200K DW:3750-4250K PW:4750-5250K 5500-6500k	>72 or >80	>95 lm/W	140°
T516A	1.2M	16W			SMD2835	172 pcs				

Applications

Indoor Lighting, Schools, Universities, Hospital, Conference rooms, Show rooms, Factories, Offices, Chain stores, Supermarkets, Metro station, Underground parking, etc.

T5 Seamlessconnecting LED Tube



Replace T5 Fluorescent Tube		140° Beam Angle
Constant Current Internal Power Supply	AC 90V~ 265V	
	SMD2835 LED TYPE	
<input checked="" type="checkbox"/> Transparent PC Cover <input checked="" type="checkbox"/> Frosted PC Cover		Transmittance >85% High-Grade PC Cover
50000 hrs Lifetime	-20°C ~ +40°C Ambient Temperature	+42°C ~ +45°C Surface Temperature

Dimension Drawing(Unit:mm)



Standard Length	Dimension (mm)		
	A (max)	B (max)	C (max)
0.15M	150	28	14
0.3M	300		
0.6M	600		
0.9M	900		
1.2M	1200		

Model Number	Length	Power	Input Voltage	Power Factor	LED Type	LED Q'ty	CCT	CRI	Luminous Efficiency	Beam Angle
T502B	0.15M	2W	AC90-265V 50/60Hz	>0.9	SMD2835	14pcs	WW:2500-2800K 2800-3200K DW:3750-4250K PW:4750-5250K 5500-6500k	>72 or >80	>95 lm/W	140°
T504B	0.3M	4W				28pcs				
T507B	0.5M	7W				46pcs				
T508B	0.6M	8W				54pcs				
T512B	0.9M	12W				84pcs				
T514B	1.0M	14W				92pcs				
T516B	1.2M	16W				110pcs				

Applications

Cove ceiling, wall and other decorative lighting.