

120cm Deluxe LED T8 Tube



- **Almost the same brightness and dimensions compared with T8 fluorescent tube -**
1250~1400lm, 320~340lux with power consumption of 24W (86~264VAC/50~60Hz)
- **The lightest weight compared with same category products in the LED lighting markets -**
Keeping low weight heat sink by our proprietary heat dissipation materials
- **Low temperature -**
Keeping LED lead frame low temperature with proprietary thermal dissipation materials.
- **Environment friendly -**
The T8 LED tube is compliant to ROHS & REACH and minimum CO₂ pollution to the earth.
- **High CRI -**
CRI > 75 (warm white) provide very comfortable vision and vivid color.
- **Energy and maintenance cost saving -**
The T8 LED tube can replaced existing T8 fluorescent tube. But it saves 50% energy consumption with same illumination and provides 40,000 hours of operation life. It is five time life of standard fluorescent tube.



120cm Deluxe LED T8 Tube

Product Information

Parts Number TL120T8A

General Characteristics

Lamp type	Linear tube
Bulb	T8
Base	Medium Bi-Pin (G13)
Material	PPMA
Intensity degradation 90%@25°C	10,000 hrs
Intensity degradation 75%@25°C	40,000 hrs
Operation temperature	-20~65°C
Humidity	60%

Photometric Characteristics

Luminous flux	1250~1400 lm
Illumination (1m)	320~340 lux
Correlated colour temperature	5500~6500K
Color rendering index (CRI)	80
Viewing angle	270°

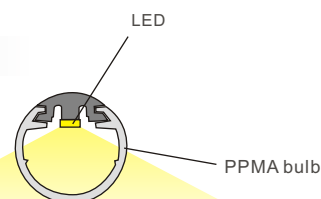
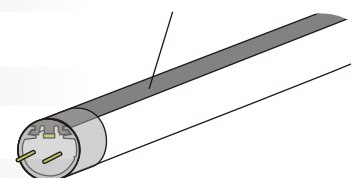
Electrical Characteristics

Input voltage	90~264VAC / 50~60Hz
Power consumption	24±1W
Power efficiency	80%
Insulation	600V

Mechanical Characteristics

Overall length	1213.6mm
Tube length (without pin)	1198mm
Tube diameter	27.5mm
Tube pin distance	7.8mm
Tube pin diameter	2.3mm
Packing quantity	12pcs/CTN
Net weight (gs)	450
Weight (with box) (gs)	550
Gross weight (kgs)	7
Warranty	System: 3 years; LED: 40,000 hrs

Aluminum plate coated with PDD's unique thermal materials which meets RoHS.



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60cm Deluxe LED T8 Tube



- **Almost the same brightness and dimensions compared with T8 fluorescent tube -**
700~910lm, 15~170lux with power consumption of 10W (86~264VAC/50~60Hz)
- **The lightest weight compared with same category products in the LED lighting markets -**
Keeping low weight heat sink by our proprietary heat dissipation materials
- **Low temperature -**
Keeping LED lead frame low temperature with proprietary thermal dissipation materials.
- **Environment friendly -**
The T8 LED tube is compliant to ROHS & REACH and minimum CO₂ pollution to the earth.
- **High CRI -**
CRI > 75 (warm white) provide very comfortable vision and vivid color.
- **Energy and maintenance cost saving -**
The T8 LED tube can replaced existing T8 fluorescent tube. But it saves 50% energy consumption with same illumination and provides 40,000 hours of operation life. It is five time life of standard fluorescent tube.



60cm Deluxe LED T8 Tube

Product Information

Parts Number	TL060T8A
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General Characteristics

Lamp type	Linear tube
Bulb	T8
Base	Medium Bi-Pin (G13)
Material	PPMA
Intensity degradation 90%@25°C	10,000 hrs
Intensity degradation 75%@25°C	40,000 hrs
Operation temperature	-20~65°C
Humidity	60%

Photometric Characteristics

Luminous flux	700~900 lm
Illumination (1m)	150~170 lux
Correlated color temperature	5500~6500K
Color rendering index (CRI)	80
Viewing angle	270°

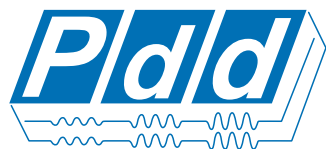
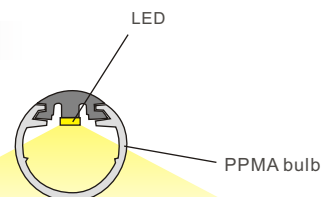
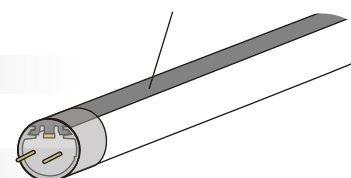
Electrical Characteristics

Input voltage	90~264VAC / 50~60Hz
Power consumption	10±1W
Power efficiency	80%
Insulation	600V

Mechanical Characteristics

Overall length	595mm
Tube length (without pin)	580mm
Tube diameter	27.5mm
Tube pin distance	7.8mm
Tube pin diameter	2.3mm
Packing quantity	12pcs/CTN
Net weight (gs)	230
Weight (with box) (gs)	280
Gross weight (kgs)	3.7
Warranty	System: 3 years; LED: 40,000 hrs

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