



Coolite (Shenzhen) Opto-electronics Lighting Co.,Ltd
Specification



Item: 8W LED PL Tube

Model: CLT-T104-06 (5630)

Customer P/N: _____

Please sign & stamp and fax to us after confirmation

Customer's Approval	
Approved by	Date

Add: 4F Building No.2,Zhenbao Industrial Park, Beihuan Rd,Shiyan,Shenzhen,China

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Product Features

Energy-saving

- Saving more than 40% energy than that of traditional PLC tubes.
- Efficiency of power supply is 85% or more.
- Using the led with more than 110 LM/W as light source.
- Replacing 18W traditional PLC tube.

Environmental Protection & Safety

- Using aluminum alloy and PC plastic components, recycling rate is more than 98.5%.
- No mercury, UV,IR and other toxic substances, it is environment-friendly.

Built-in Power Supply

- Using isolated power supply, it's safe to user.
- Using built-in power supply, can replace the traditional tube directly and easy to install&maintain.
- Containing PFC module, PF>0.60

Diversified Options

- Unique design,5 kinds of bases available.
- Special color available to meet different requirements.
- LED chip is from Samsung.
- Different colors for choice: warm white (2800-3500K) 、 natural white (4000-4800K)、 cool white (5000-6500K)

Special Structure Design

- Using low thermal resistance SMD LED as light source, the lifespan of product is up to 30,000 hrs.
- The unique designed radiator is made from 6063 aluminum to ensure the heat can spread to the surface of radiator quickly.
- Placing driver separately in the base,so the heat would not impact on the LED directly.

Unique Optical Design

- Light is very soft and no glare, people won't feel dazzling.
- More even light distribution by giving light through 180 degree.

Warranty

- 3 years warranty.

Technical Data

Technical Parameters:

No.	Item	Technical Parameters
1	Voltage	110/220V AC
2	Total Power Consumption	7.5W
3	LED Power	6W
4	Power Factor	≥0.6
5	LED Quantity	18pcs
6	LED Type	5630 SMD LED
7	Luminous Flux	510LM±5% (5000K~6500K Color Temperature)
8	Working Temperature	-20-45 °C
9	Circuit Board Temperature Rise	20-25°C
10	Size	Refer to the picture of products' size on page 4
11	Base	2G7/G23/G23H/G24D/G24G
12	Net Weight	Refer to the picture of products' size on page 4
13	Illuminance(1M)	153 LUX(5000K - 6500K Color Temperature)
14	Beam Angle	180°
15	Certificates	CE/FCC/PSE/RoHS

Specification:

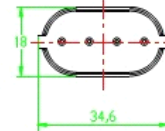
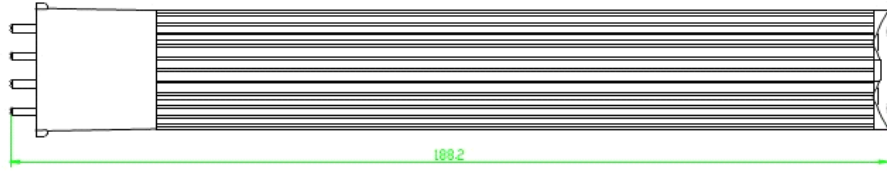
Item No.	Color	Color Temperature	Initial Illuminous Flux(LM)	Total Power	Color Rendering Index	Efficiency (LM/W)
CLT-T104-06C	Cool white	5000-6500K	510LM	7.5W	≥70	68LM/W
CLT-T104-06N	Natural white	4000-4800K	485LM	7.5W	≥70	64.7LM/W
CLT-T104-06W	Warm white	2700-3800K	461LM	7.5W	≥70	61.5LM/W

Application

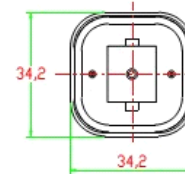
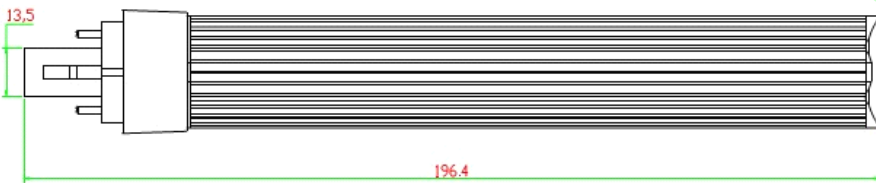
- Replace the light source of downlight and desk lamp mainly.
- Replace the traditional halogen bulb,PL light.

Used for Office, commercial places, market, colleges, hospitals, hotels, parking lots, urban underground passage, factory, municipal administrative projects, household etc lighting area.

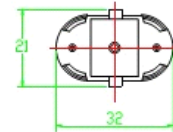
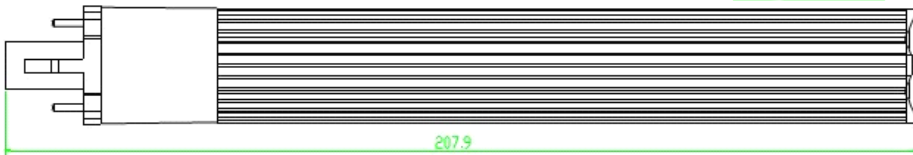
Product Size & Shape



Base:2G7
Net weight: 80g
Gross weight: 100g



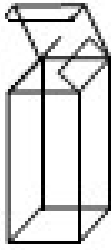
Base: G23/G24D/G24G
Net weight: 82g
Gross weight: 101g



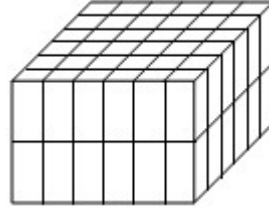
Base:G23H
Net weight: 80g
Gross weight: 100g

Installation & Instruction

The product doesn't have special installation requirements, just insert it directly into the Luminaire.



Packages & Marks



Size of Inner packing :
 2G7: 40*40*200MM
 G23:40*40*210MM
 G23H/G24D/G24G:40*40*220MM

Size of Outer packing:72PCS/Carton
 2G7: 270*270*430MM
 G23:270*270*450MM
 G23H/G24D/G24G:270*270*470MM

1. Label on the outer packing

Item	
Model	
Qty	
G.W	
Date	
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2 Label on the inner packing

Item	
Model	
N.W	
Input Voltage	
Lumens	
Color Temperature	
Date	
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3 Label on the product

8W LED PL Tube
 Input: 110/220V AC
 Output: *V *mA
 CK:3500K (4500K/5500K)
 CE ROHS PSE FCC

Notes

- 1 When installing, please power off for the safety.
- 2 When the PL tube is under working, please don't touch the surface directly to avoid being burned.
- 3 The normal working temperature of PL tube is $-20\sim 45^{\circ}\text{C}$, it is not suitable for working under poor ventilation condition and high temperature. Good ventilation condition can extend its lifespan.
4. When finding the PL tube light work abnormally (extinguish, flicker), you should ask professional inspectors to check the contact state between base and lamp socket, as well as the input voltage, don't do it by yourself to avoid being electrocuted. If there are some other problems, please contact with the distributors.
- 5 There are no extra parts inside of the fixture, don't open it without Professionals.
- 6 Products shall be subject to any changes without additional notices.
- 7 Any questions, please contact us or our agents directly.