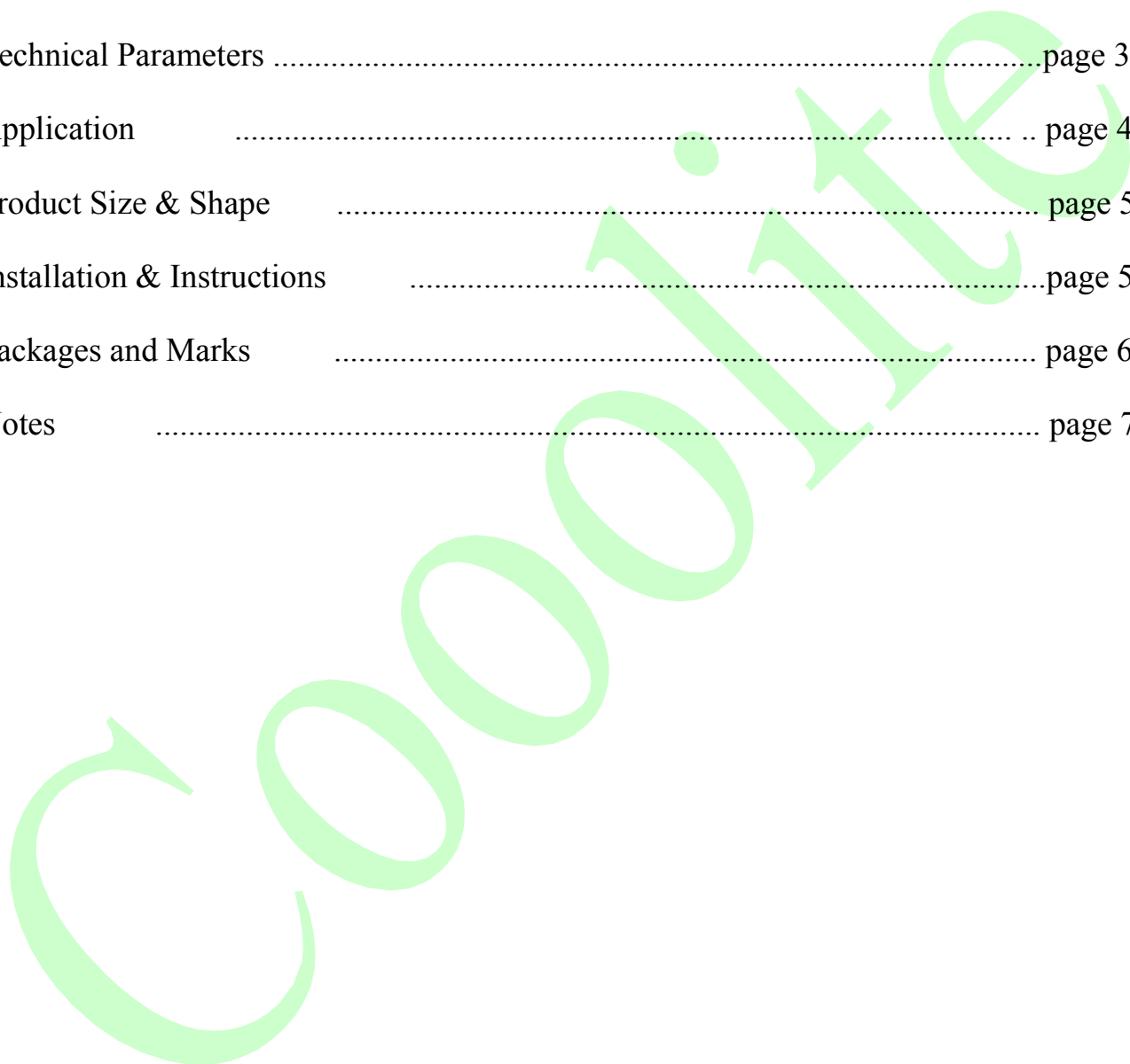


Catalogue

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Product Features

Energy-saving

- Saving more than 50% energy than that of traditional fluorescent tubes.
- Efficiency of power supply is 85% or more.
- Using the led with more than 110 LM/W as light source.
- replacing 58W traditional fluorescent 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 non-isolated power supply
- Power supply built-in, can replace the traditional tube directly and easy to install&maintain
- PFC built-in, PF>0.80

Diversified Options

- Special color available to meet different requirements.
- LED chip is from Epistar in Taiwan.
- 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.

Unique Optical Design

- Light is very even and no glare, no flicker.
- Light transmission rate of transparent cover is up to 90%, make the tube more energy-efficient.

Warranty

- 3 years warranty.

Technical Data

Technical Parameters:

No.	Item	Technical Parameters
1	Voltage	100-120/200-240V AC
2	Total Power Consumption	24W
3	LED Power	22W
4	Power Factor	≥0.85
5	LED Quantity	55pcs
6	LED Type	5630SMD LED
7	Luminous Flux	Transparent cover: 1980±100LM (5000K~6500K)
		Frosted Cover: 1900±100LM (5000K~6500K)
8	Working Temperature	-20-45 ° C
9	Circuit Board Temperature Rise	20-25° C
10	Size	D32. 2*H1513mm
11	Base	G13
12	Net Weight	495g
13	Illuminance(1M)	500LUX (5000K - 6500K)
14	Beam Angle	120 °
15	Certificates	CE/FCC/PSE/RoHS

Specification:

Item NO.	Color	Color Temperature	Initial Illuminous Flux(LM)	Total Power	Color Renderin g Index	Efficiency (LM/W)
CLT-T804-22C	Cool white	5000-6500K	198±5% (transparent cover)	24W	≥70	83LM/W
CLT-T804-22N	Natural white	4000-4800K	1880±5% (transparent cover)	24W	≥70	78LM/W
CLT-T804-22W	Warm white	2800-3500K	1780±5% (transparent cover)	24W	≥70	74LM/W
CLT-T804-22C	Cool white	5000-6500K	1900±5% (frosted cover)	24W	≥70	79LM/W
CLT-T804-22N	Natural white	4000-4800K	1800±5% (frosted cover)	24W	≥70	74LM/W
CLT-T804-22W	Warm white	2800-3500K	1700±5% (frosted cover)	24W	≥70	71LM/W

Applications

■ Replace traditional T8&T10 fluorescent tube lights;

■ Applications:

1. Workshop and warehouse:

Compared with the traditional lamps, LED tube would be better to protect the employees' eyes and body.

2. Supermarket&Department Store (especially in freezers) :

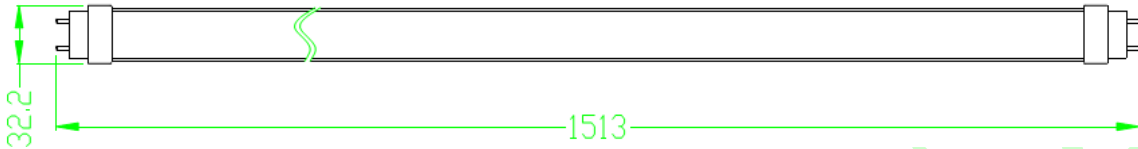
No IR, low heat, good color rendering, protect food and show its true color.

3. School&office:

Safe and reliable, no flicker, the light is soft and pure, effectively relieve eye fatigue, no UV and no damage to human skin.

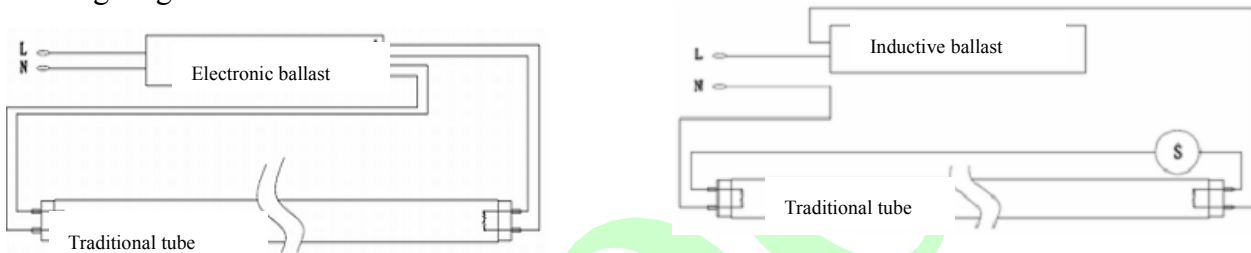
4. Hospital, municipal building, square and other places.

Product Size & Shape

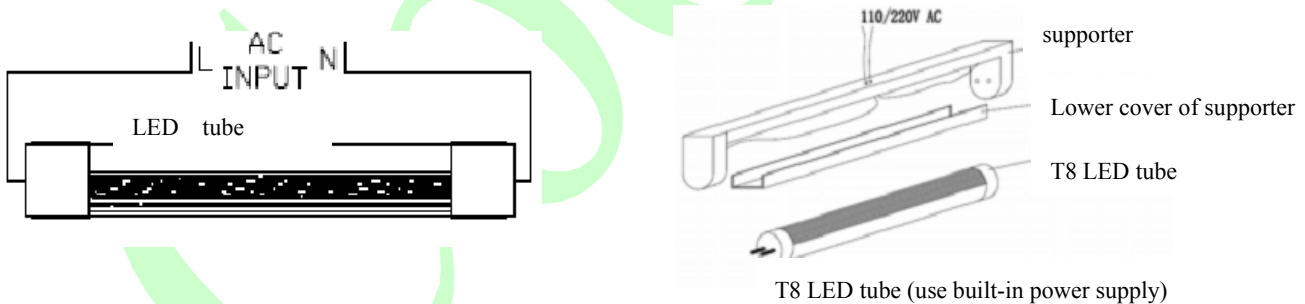


Installation & Instructions

1.Traditional tube have two kinds of connection modes : electronic ballast and inductive ballast.
Wiring diagram as below:



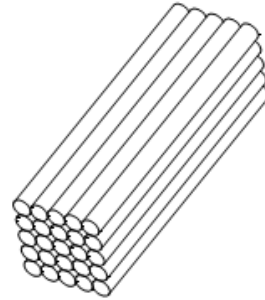
2.connection mode of LED tube: remove ballast and(or)starter, connect the L-line and N-line to two sides of supporter, as below:



Instruction:

- 1.Remove ballast and(or)starter, connect the L-line and N-line to two sides of supporter.
- 2.Use built-in power supply, two pins of G13 base is under short circuit condition,bases of two sides are consistent.


Packages & Marks




Size of inner box:φ38*1538MM

Size of outer carton:220*220*1568MM (25pcs/carton)

1. Label on the outer packing

Item	
Model	
Qty	
G.W	
Date	
Coolite (Shenzhen) Opto-electronics Lighting Co.,Ltd 	
www.coolite.com&www.coolite.com	

2.Label on the inner packing

Item	
Model	
N.W	
Input Voltage	
Lumens	
Color Temperature	
Date	
Coolite (Shenzhen) Opto-electronics Lighting Co.,Ltd 	
www.coolite.com&www.coolite.com	

3. Label on the product

T10 1.5M 24W LED Tube
Input: *V AC
Output: *V *mA
CK:3500K 4500K 5500K
CE PSE ROHS FCC

Notes

- 1 .When installing, please power off for the safety.
2. When the tube is under working, please don't touch the surface directly to avoid being burned.
3. The normal working temperature of tube is -20~45°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 LED 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.