



## LED Tube Lights

### SMD LED Tube Light Feature T8:

An ideal product for fluorescent lamp replacement ; Heat dissipation is considerably low. Low power consumption , Comes in PC material cover, plug into the current fluorescent fixtures directly ; Energy saving over 80% electricity saving than normal lamp, long-life over 10 times longer than normal lighting products ;With pure light and high color rendering index, new type of environmental ; No flickering or buzzing ; Built with dedicated LED driver for PWM constant current supply to ensure longer operating life and to minimize brightness deterioration due to over-driven, unlike many other designs where only normal rectifier and simple RC circuit is employed; Any individual LED failure will not cause other LEDs in working condition to black out. This is an added advantage over other designs.

#### ~Technical parameters:

Light source : 5050 SMD LED

Input Voltage:170V-265V,50Hz

LED Viewing Angle: 120degree.

LED color: cool white/warm white

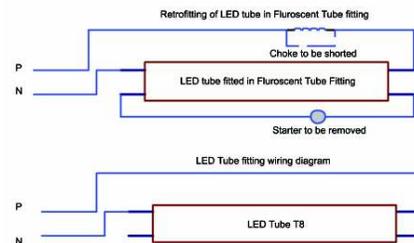
Materials : Transparent or milky PC

Length: 600mm,1200mm

Working temperature: -40degC to 60deg C



#### Connection diagram:



Part Number	Dimension (mm)	LED	Power Qty	Luminous Flux(Lm)	Viewing angle	Emitting Color	Voltage AC 50 Hz	Remarks
5050-1200-CP	Ø30X1200	96	20W	1300±10%	120 °	cool/warm	170-270	RC supply, with added advantage of capacitive PF setting with other inductive loads
5050-600-CP	Ø30X600	48	10W	700±10%	120 °	cool/warm	170-270	
5050-1200-PF1	Ø30X1200	96	18W	1300±10%	120 °	cool/warm	170-270	Driver (with dimmer*) * optional
5050-600-PF1	Ø30X600	48	9W	700±10%	120 °	cool/warm	170-270	

For power saving , including carbon credit calculations contact us with number of fitting to be replaced.



**LED Tube 545 mm for replacement  
Of CFL of 24W**

**SMD LED Compact lamp**

An ideal product for CFL rod replacement ; Heat dissipation is considerably low. Low power consumption , Comes in PC material cover, plug into the current fluorescent fixtures directly ; Energy saving over 50% electricity saving than normal CFL & , long-life over 5 times longer than CFL products ;With pure light and high color rendering index, new type of environmental ; No flickering or buzzing ; Built with dedicated LED driver for PWM constant current supply to ensure longer operating life and to minimize brightness deterioration due to over-driven, External dimming is an added criterion Any individual LED failure will not cause other LEDs in working condition to black out. This is an added advantage over other designs.

**~Technical parameters:**

Light source : 5050 SMD LED

Input Voltage:170V-265V,50Hz

LED Viewing Angle: 120degree.

LED color: cool white/warm white

Materials : Transparent serrated PC

Length: 545mm,270mm,150mm

Power consumption : 10W, 5 W & 2.5W

Working temperature: -40degC to 60deg C



Available in 545,270,150 mm (130° light emission)  
180mm (360° light emission)

**HOLDER FITTINGS**  
150mm 2.5 W ,120° tube  
180mm 5.0W , 240° double faced tube  
180mm 7.5W, 360° triangular tube

Part Number	Dimension (mm)	LED	Power Qty	Luminous Flux(Lm)	Viewing angle	Emitting Color	Voltage AC 50 Hz	Remarks
5050-545-FL-CP	22X545	48	10W	720±10%	120 °	cool/warm	170-270	RC supply, with added advantage of capacitive PF setting helps reducing domestic electric bill
5050-270-FL-CP	22X270	24	5W	350±10%	120 °	cool/warm	170-270	
5050-150-FL-CP	22X150	12	2.5W	170±10%	120 °	cool/warm	170-270	
5050-150-FL-CP	22X150	22	5W	370±10%	120 °	cool/warm	170-270	
5050-150-RDDB-CP	22X180	22	5W	370±10%	240 °	cool/warm	170-270	
5050-150-RDDB-CP	22X180	22	7.5W	460±10%	360 °	cool/warm	170-270	

- Application: 1. 10W Street light elements replacing 24W CFL for retrofitting in T5 fittings replacing CFLs in office fittings of WIPRO, CROMPTONS etc  
2. Garden lights , cupboard lights



## Top 10 Reasons You Need to Switch to LED Light Bulbs

Light emitting diodes (LEDs) have been turning up all over the place, which leads one to wonder why. What's so great about these little lights? Why are we seeing more and more LED light bulbs cropping up on everything from cars to traffic lights?

LED light TUBES have some very clear advantages over Florescent Tube lighting (FTL) , such as:

1. LED light tubes last longer. Without a filament to break or burn out, LED light bulbs can last for over 50,000-100,000 hours without showing their age (that's over eleven years at full brightness). This lifespan is five times that of typical fluorescent bulbs and twenty times longer than incandescent light bulbs.
2. They are energy efficient. An FTL loses 50% percent of its energy to heat,choke & other losses ; leaving only the last 50% percent for light. LED light bulbs turn this around, giving up a scant 20 percent of their energy to heat loss. Not only that, but they operate at 40 to 50 percent of the power required for FTL of similar brightness.
3. LEDs are more colorful. LED light bulbs can be made in a vast array of colors without the use of extra filters, which brings down production costs. They also provide a truer, brighter color than a filtered bulb.
4. LED light work in silence. The days of humming bulbs came to an end with the creation of LEDs, so there's no need to lose sanity listening to the thrum, tick, or ping of other light bulbs.
5. They are incredibly safe. With so little energy lost to heat and so little energy used overall, LED light bulbs run cool, which means no burnt fingers or burnt down houses. They are extremely durable thanks to their solid-state construction, so there's no broken glass to deal with, either.
6. LED light bulbs are focused. LEDs can be made to focus without the use of extra reflectors or lenses, which means less bulk and lower cost for the same beam of light.
7. They are the best for dimming. Incandescent bulbs turn yellow when dimmed, while LED light bulbs retain their true colors.
8. LEDs are versatile. Thanks to the wide array of colors and shapes LEDs be made to replace most any light bulb. Their diminutive size and power-sipping nature also open up a world of possibility, from infrared remote control lights to ultra-light headlamps.
9. LED light bulbs bring light quickly. Lighting up to their full brightness in microseconds, LEDs are a safer choice when reaction time is a factor, like when that car in the fast lane slams on the brakes.
10. They promise a brighter future. LED light bulbs don't contain mercury, like compact fluorescent bulbs do. Combining that with the fact that they outlast their energy efficient cousins, makes the choice to go LED clear as day.