



## T8 Led Tube Light- 18w 1200mm tube



### Description

18W 1200mm T8 LED tube light using Epistar LED SMD2835, This product have got SAA, CE, C-Tick certificates, 3 years warranty. It has high-grade PC cover with nice light transmittance, high efficiency constant current driver, aluminum PCB board for better heat dissipation, ideal products for replacing traditional T8, T10 fluorescent lamp.

### Specification

**Model Number: ZL-DGT8-4FT-P18**

**Power Consumption: 18W**

**Power Factor: > 0.94**

**Input Voltage: AC100~240V**

**Frequency: 50/60Hz**

**Equivalent to: 36~40W traditional incandescent light**

**Flux Lumens: 1800lm**

**Color Temperature Option: 2800K-7000K**

**View Angle: 120°**

**Working Temperature: -25°C~ +40°C**

**CRI: >80**

**Lifespan: 50,000 hours**

**Light Source: 96pcs SMD2835 LEDs (Epistar)**

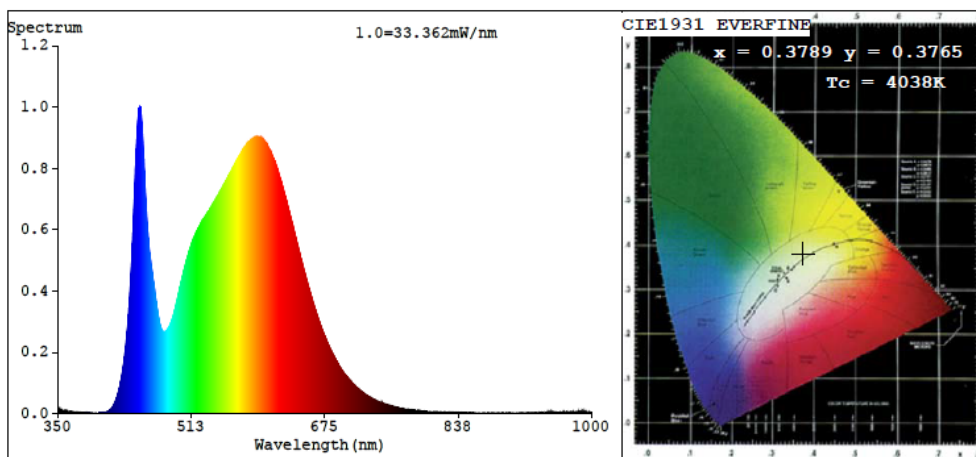
**Dimension: L1215xW26xH26mm Weight: 240g**

**Certificates: C-Tick, SAA, CE**

# Everfine Test Report



## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3789$   $y=0.3765$  /  $u'=0.2242$   $v'=0.5012$   
 $T_c=4038K$  (Duv=0.0003) Dominant WL:  $L_d = 578.7nm$  Purity=26.7%  
 Ratio: R=19.6% G=77.2% B=3.3% Peak WL:  $L_p=450.5nm$  HWL:  $L_{hd}=23.1nm$   
 Render Index:  $R_a=82.5$   
 R1 =81 R2 =88 R3 =94 R4 =81 R5 =81 R6 =84 R7 =86  
 R8 =65 R9 =8 R10=72 R11=80 R12=62 R13=82 R14=97 R15=75

### Photo Parameters:

Flux = 1747 lm Eff. : 95.79 lm/W  $F_e = 5.357 W$

### Electrical parameters:

V = 220.3 V I = 0.08823 A P = 18.24 W PF = 0.9386

LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 12 ms  $I_p = 45624 (70\%)$

Model: New T8 Tube 2835 RA>80	Number: 1
Tester: 001	Date: 2013-12-02
Temperature: 25.3Deg	Humidity: 65.0%
Manufactory: EVERFINE	Remarks: ---

### Certificates







# Certificate of Suitability

## \*Addendum\*

**Certificate No.:** SAA131696  
**Date of Issue:** 28 August 2013  
**Class Description:** Non-Declared  
**Product Description:** LED Tube Light

Additional Models	Description
ZL-DGT8-2FT-P9	Similar to ZL-DGT8-4FT-P20 except rated Max 9W and length 588mm in lieu of 1198mm.
ZL-DGT8-3FT-P12	Similar to ZL-DGT8-4FT-P20 except rated Max 12W and length 889mm in lieu of 1198mm.
ZL-DGT8-4FT-P12	Similar to ZL-DGT8-4FT-P20 except rated Max 12W.
ZL-DGT8-4FT-P16	Similar to ZL-DGT8-4FT-P20 except rated Max 16W.
ZL-DGT8-4FT-P18	Similar to ZL-DGT8-4FT-P20 except rated Max 18W.

 中联创科  
COMLED Technology  
For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd Electrical Product Safety Certification Scheme as accredited by JAS-ANZ under ISO/IEC Guide 65 certifies that the electrical product described on this certificate complies with the minimum electrical safety requirements for which the application has been made.



For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

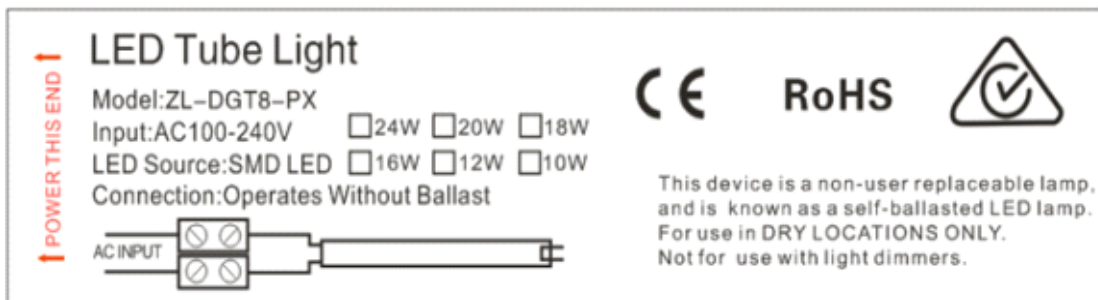
[www.jas-anz.org/register](http://www.jas-anz.org/register)

131696/2

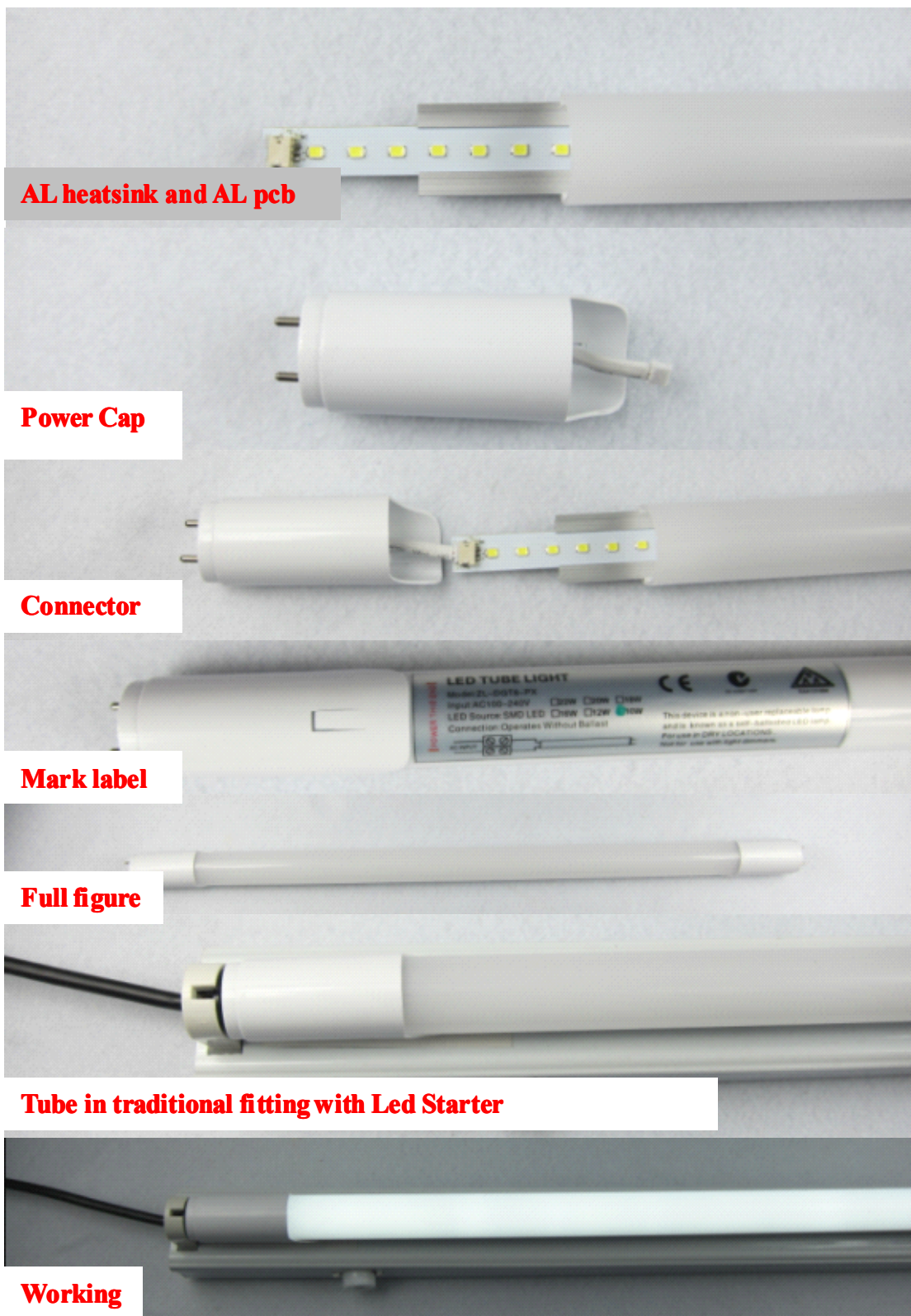




**Mark/ Label**



**Detail photos:**





## Packing Specification

Pallet: 1260\*220\*30mm (5 pcs/pallet)

Carton: 1270x230x230mm (5pallets/Carton)

Gross Weight: 8.10kg

Net Weight: 6.00kg

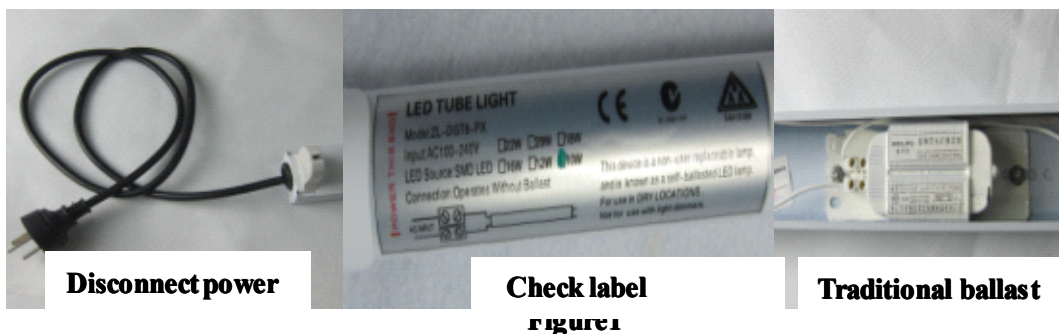
Quantity: 25pcs/carton



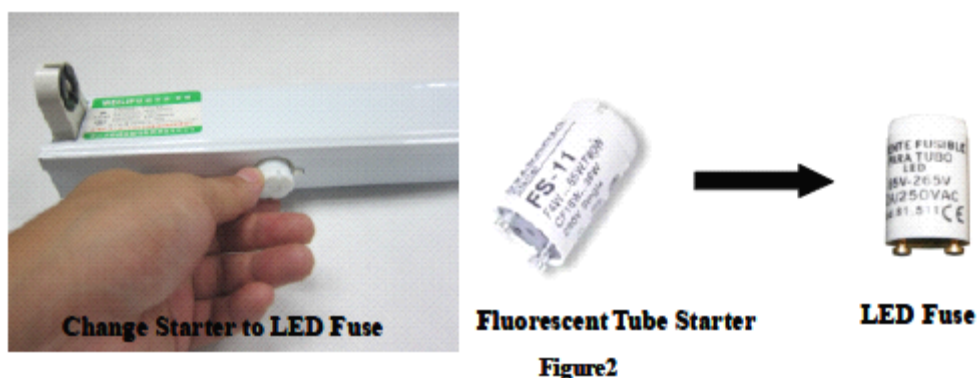
## Installation Instructions and Wiring Diagrams in two Circumstances:

### 1. Replacement of traditional fluorescent lamp

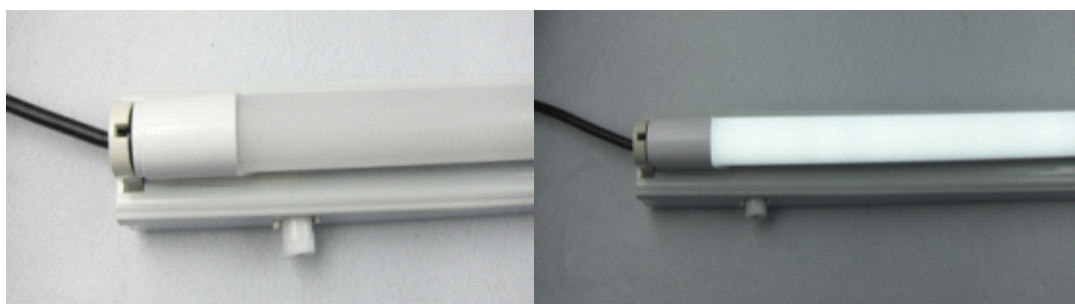
STEP 1 – Disconnect the power to the fitting. Check the label on COMLED T8 LED Tube to ensure it is compatible with the voltage of the fitting. COMLED T8 LED Tube Lamps are suitable for 180-240VAC fittings with traditional fluorescent ballasts (not electronic ballasts) (figure 1).



STEP2 – Remove the traditional fluorescent lamp starter, and change to LED Fuse (figure 2).



STEP3- Install the COMLED T8 LED Tube Lamp in the fitting, then connect the power (figure 3).



**Figure3**



## 2. New installation of COMLED T8 LED Tube

STEP 1- Make sure the new fitting without ballast and starter. (If it has , please remove the fluorescent ballast and starter), COMLED T8 LED Tube Lamps DO NOT require a ballast and starter (figure 4).

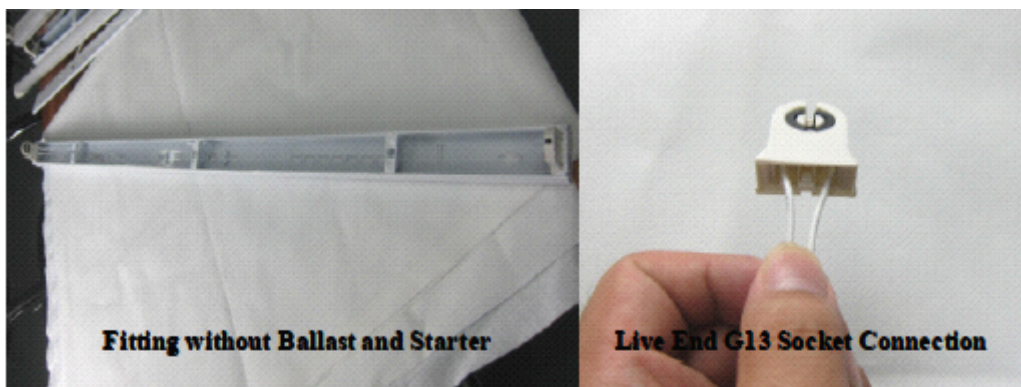


Figure4

STEP 2- Designate one side of the fitting sockets as the “live end” and mark it for future reference. Make sure to check the Tombstone Connector on the live end of the fixture for Isolated Continuity. Confirm there is no continuity in the two sides of the connector (figure 5).

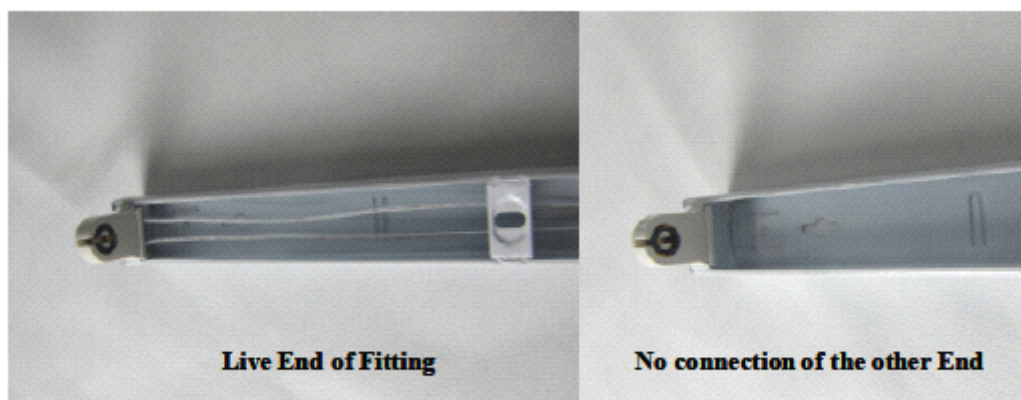


Figure5

STEP3 - Install the COMLED T8 LED Tube Lamp in the fitting matching the live side (indicated on label) of the lamp to the “live end” side of the fitting. Be sure that the splices or connector are insulated (figure 6).

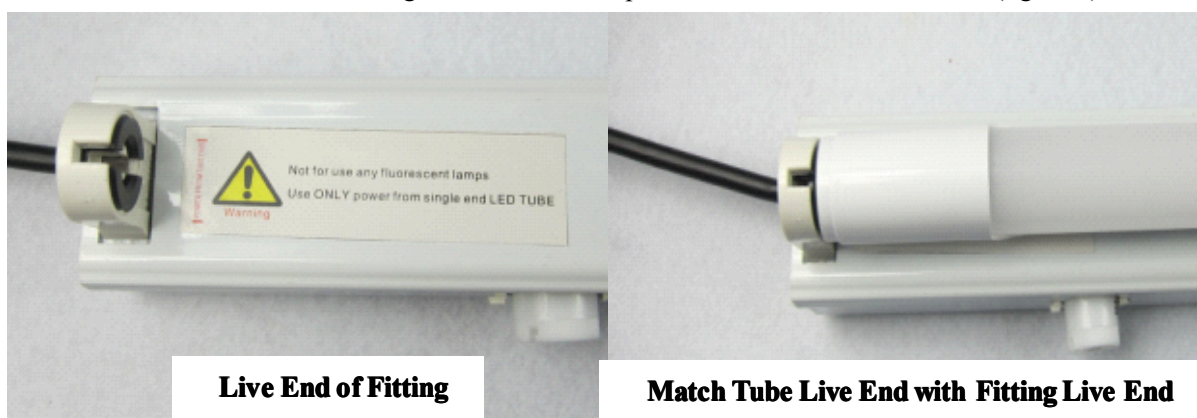


Fig6

STEP 4-Check the label on COMLED T8 LED Tube lamp to ensure it is compatible with the voltage of the power line, connect the power to the fitting.

Note: Final wiring configuration diagram for Replacement of traditional fluorescent lamp (Figure 7).

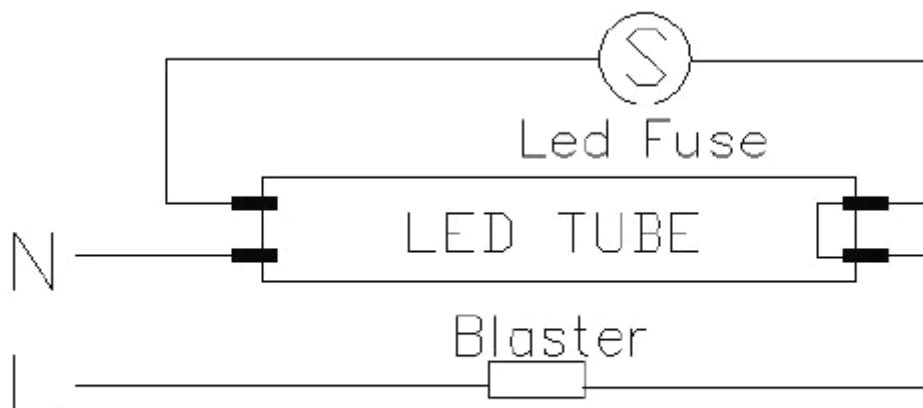


Figure7

Note: Final wiring configuration diagram for New installation of COMLED T8 LED Tube (Figure 8).

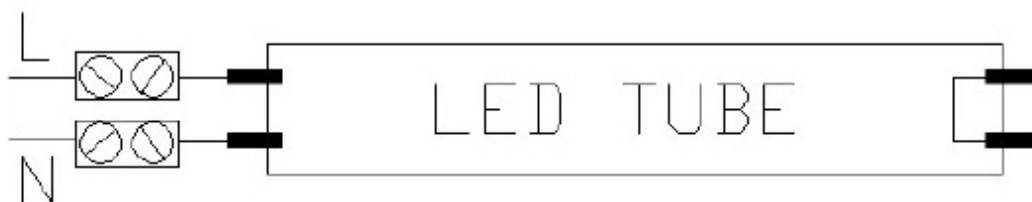


Figure8

## Note:

- 1. Before installation, please make sure there is no AC power connected.**
- 2. Maintenance should be done by a professional technician.**
- 3. If there are any doubts or problems while you are installing, please contact your supplier or manufacturer.**