



**PARA LIGHT ELECTRONICS CO., LTD**

Tel: 886-2-2225-3733

Fax: 886-2-2225-4800

Mail:para@para.com.tw

Website:http://www.para.com.tw

# LED T-8 Light Tube Product Data Sheet

Part Number : T8F18W-WWE0-F

Rev.: A / 0

Producer: Zhuang Wei

Auditing: Steven Chang

DRAWING NO. : DS-80-12-XXXX

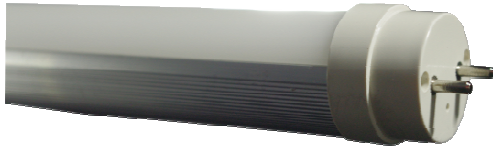
DATE : 2012-9-24

Page : 1

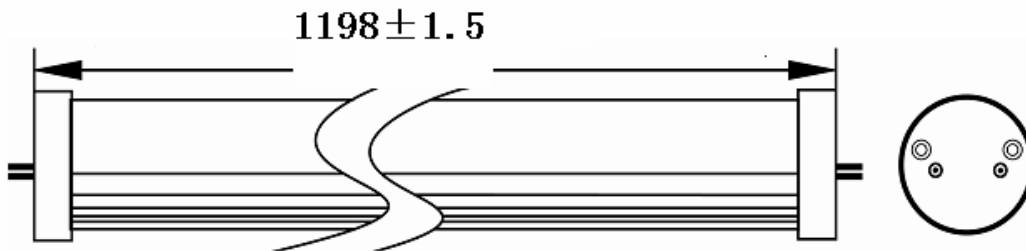
**◆ Product Features and Overview:**

1. Extrude aluminum heat-sink with superior heat dissipating capability enables longer product life.
2. No glare design.
3. Using constant current driving circuit with power factor correction.
4. Using micro-chip shunt circuit driving technique to maximize efficacy.
5. Semiconductor light-emitting principle of power-saving than traditional fluorescent lamps about 70%
6. Long life. More than 20,000 hours.
7. Low radiated heat.
8. RoHS compliant. Mercury free.

◆ Photo:



◆ Dimensions :



Unit: mm

## ◆ Electrical Characteristics:

Part Number	T8F18W-WWE0-F
Input Voltage Range	100V~240V
LED Quantity	144Pcs
LED Type	PLCC 2835
Power Consumption	18W±10%

## ◆ Mechanical Characteristics:

Part Number	T8F18W-WWE0-F
Heat-Sink Specification	Aluminum
Cover Material	Diffused Plastic
PCB Material	R 1787
Power Supply	Internal
Socket Type	G13
Weight	308g

## ◆ Optical Characteristics:

Part Number	T8F18W-WWE0-F
Color Rendering Index	> 72
Luminous Flux	1700±10% lm
Color Temperature	3000±200K

## ◆ Operation Conditions:

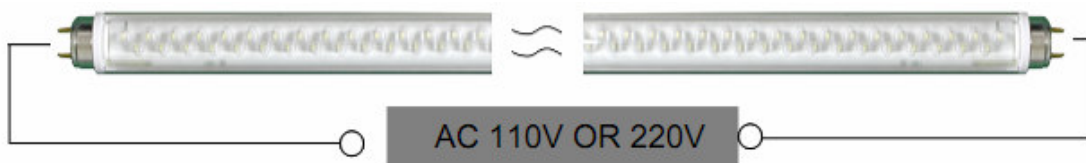
Operating Temp. Range	-20~40℃
Storage Temp. Range	-30~80℃

## ◆ Reliability Tests:

Item	Test Conditions
High temperature high humidity test	Temperature: 50℃, humidity: 85%, AC220V 96H
Aging test	Temperature: 40℃, AC220V 72H
On Off test	Temperature: 25℃, AC220V, turn on/off 1500 times
Life test	Temperature: 25℃, AC220V, 1000Hr

◆ Installation:

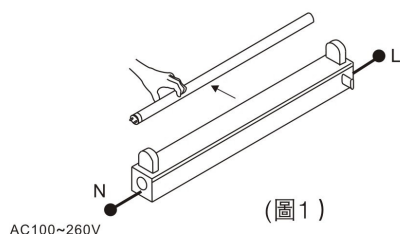
- LED T-8 tube connection diagram



- Retrofit Installation Procedures (Performed by Professional Electrician only):

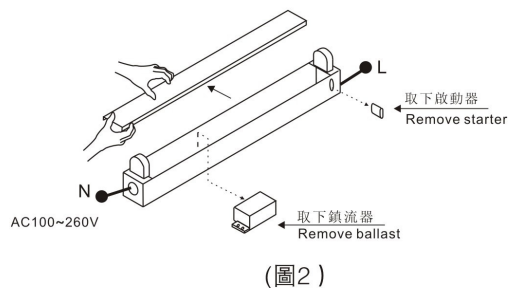
第一步：斷開電源。 Step 1 : Turn off the power.

第二步：取下日光燈。 Step 2 : Remove the fluorescent tube.

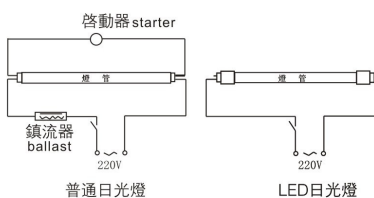


第三步：安裝LED燈管前請取下啟動器及鎮流器, 參照電路原理圖進行線路的改造。(圖3)

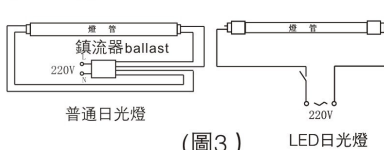
Step 3 : The starter & ballast must be removed before the installation of LED tube. Please make a reference to circuit schematic diagram while change the Transmission Line.



一、電感式



二、電子式



第四步：安裝上T8 LED燈管。 Step 4 : Install T8 LED tube.

