



## Product Description

INNOLITE Glass LED T8 Tube 18W is a perfect retrofit for your traditional fluorescent tube with great energy saving. This 18W equivalent to an 36W fluorescent tube, offer the same brightness but saving up 50% energy and lasting five time longer. Re-lamp frequency also will be drastically decreased as its lifetime expectancy exceeding 25,000+ hours.

With constant current driver inside, it offers a soft light to protect human's eyes and without flicker. Unlike traditional fluorescent tube, it is a eco-friendly product with mercury-free and lead-free and No UV or IR radiation. Also, This bulb is instant on to full brightness and without buzzing to provide better lighting experience.



## Product Specification

Model No.	31113
Power	18W
Luminous Flux	1600 lm $\pm$ 10%
Equivalent to Halogen	36W
LED Type	SMD
Input Voltage	220-240VAC or 110-130VAC or 85-265VAC
Material	Full Glass
Color Temp (CCT)	2700K - 6500K
Energy Efficiency Class	A+
Beam Angle	330 degree
Color Rendering Index	$\geq$ 80 Ra
Power factor	$\geq$ 0.5
Start Time	<0.5S
Switching Cycle	$\geq$ 12,500
Life time	Up to 25,000 hours
Lamp Base	G13
Dimensions	Dia.=26mm
	L=1200mm



## Product Certificates

CE RoHS ErP SAA  FC



## Related Products

Model No.	Tubes Type	Wattage(W)	Cover Color	Luminous Flux(lm)	Equivalent Incandescent Bulb
36281	Glass LED Tube T8	9W	Opal	800lm $\pm$ 10%	18W
36282		15W		1200lm $\pm$ 10%	30W
36283		23W		2200lm $\pm$ 10%	58W



## Product Test Report

### Spectral test report for lamp

Product type : T8 LED Tube Glass18w  
Product No. :  
Manufacturer :

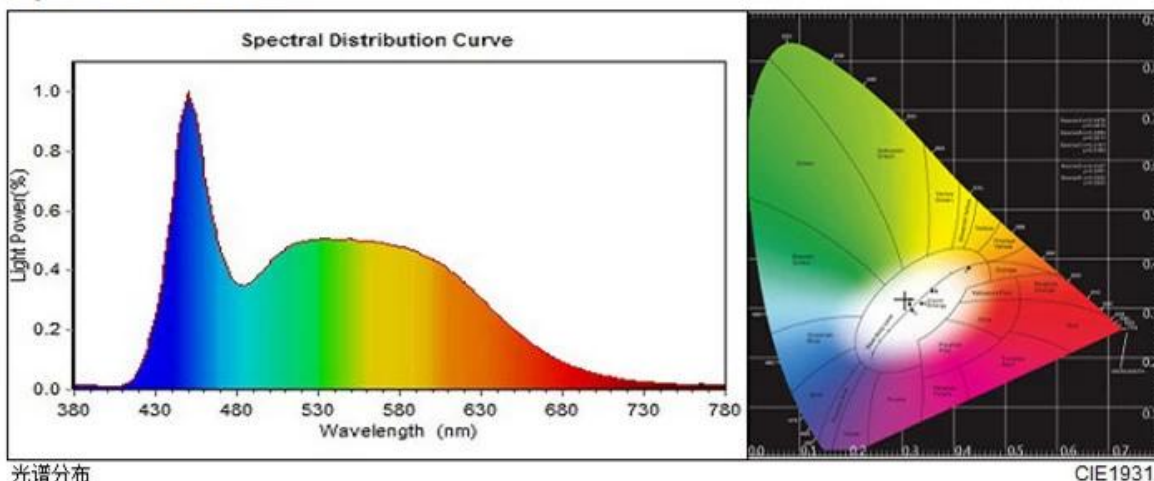
Test date. : 2017-07-25  
Test equipment : SPEC3000A Spectrometer  
Operator. :

#### Test Condition

Temperature : 25.0Deg C  
Test range : 380nm-780nm

Humidity : 65%  
Peak AD. : 54732 (83.5%)  
Integral time. : 32ms

#### Spectral Parameter



光谱分布

CIE1931

#### CIE Color Parameter

Chromaticity coordinates:  $x=0.3019$   $y=0.3201$   $u=0.1936$   $v=0.3079$  ( $duv=0.0043$ )  
Color temperature:  $TC=7234$  K Color difference:  $SDCM=7.8$  Main Wavelength:  $\lambda_d=482.03$  nm Purity:  $Purity=0.384$   
Peak wavelength:  $\lambda_p=450.4$  nm FWHM:  $\Delta\lambda_p=31.7$  nm Color ratio:  $R=14.32\%$   $G=79.66\%$   $B=6.02\%$

Color rendering index (Ra):  $Ra=86.9$

$R1=85.4$   $R2=90.7$   $R3=93.3$   $R4=86.7$   $R5=86.0$   $R6=86.3$   $R7=90.6$   $R8=75.5$   
 $R9=22.6$   $R10=77.2$   $R11=86.6$   $R12=66.0$   $R13=87.8$   $R14=96.7$   $R15=81.3$

#### Optical Parameter

Luminous flux: 1634.897 lm luminous efficiency: 81.74 lm/w Radiant flux: 5.537 W

#### Electrical Parameter

Voltage: 220.8 V Current: 0.094 A Watte: 20.00 W Power factor: 0.956



## Product show



CE RoHS



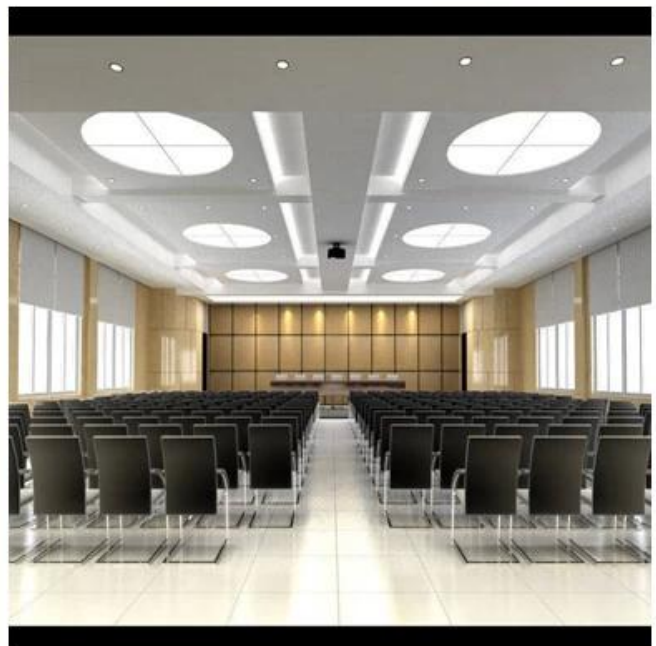
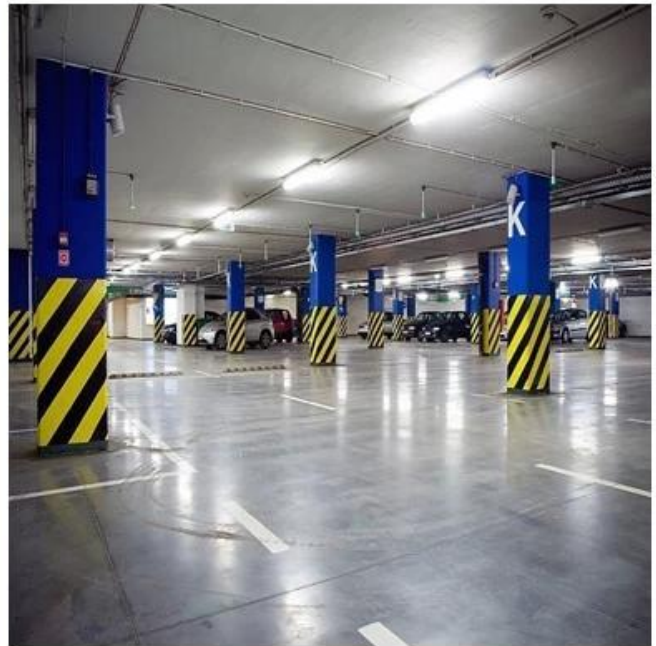
## Advantages

- <sup>2</sup> 330 degree beam angle with high transparency glass cover
- <sup>2</sup> Up to 50% energy saving: 18W LED equivalent to 36W fluorescent tube
- <sup>2</sup> Easy installation, direct replacement of fluorescent tube.
- <sup>2</sup> No flicker to protect human eyes
- <sup>2</sup> No buzzing and instant on
- <sup>2</sup> High CRI > 80 ensures more vivid and natural light
- <sup>2</sup> Environment friendly: No lead or mercury and No UV or IR Radiation
- <sup>2</sup> Long life time lasts up to 10 years (4 hours use per day)
- <sup>2</sup> Two years limited warranty based on average daily use of 4 hours
- <sup>2</sup> With certification of CE RoHS, etc.



## Application

Innolite Glass T8 LED Tube lights 18W can provide perfect light for any spaces with a high CRI over 80ra. These 6000 kelvin LED T8 tube light brings the vibrant ambiance to your work space or living space, and 3000 Kelvin tubes bring a soft white color that gives you a clam and relaxing atmosphere. It is perfect for general lighting in supermarket, office, conference room, parking lot, bus station, warehouse, convenience store, gas station, shop, hotel, school and home, etc.



## Safety Information

- <sup>2</sup> Working temperature range -20° C to 40°C
- <sup>2</sup> Check the lamp before installation, if there is any damage caused during transportation, do not install.
- <sup>2</sup> Maintenance should be carried out by person who is familiar with the tube only.
- <sup>2</sup> Do not place any objects on the lamp.
- <sup>2</sup> Keep the lamp away from flame or high temperature objects.
- <sup>2</sup> Only for indoor use.
- <sup>2</sup> Only replace with same type of LED tube. Risk of electrical shock.



<sup>2</sup> If the glass lamp tube is broken, the lamp must be disposed immediately.

### **Maintenance Notes**

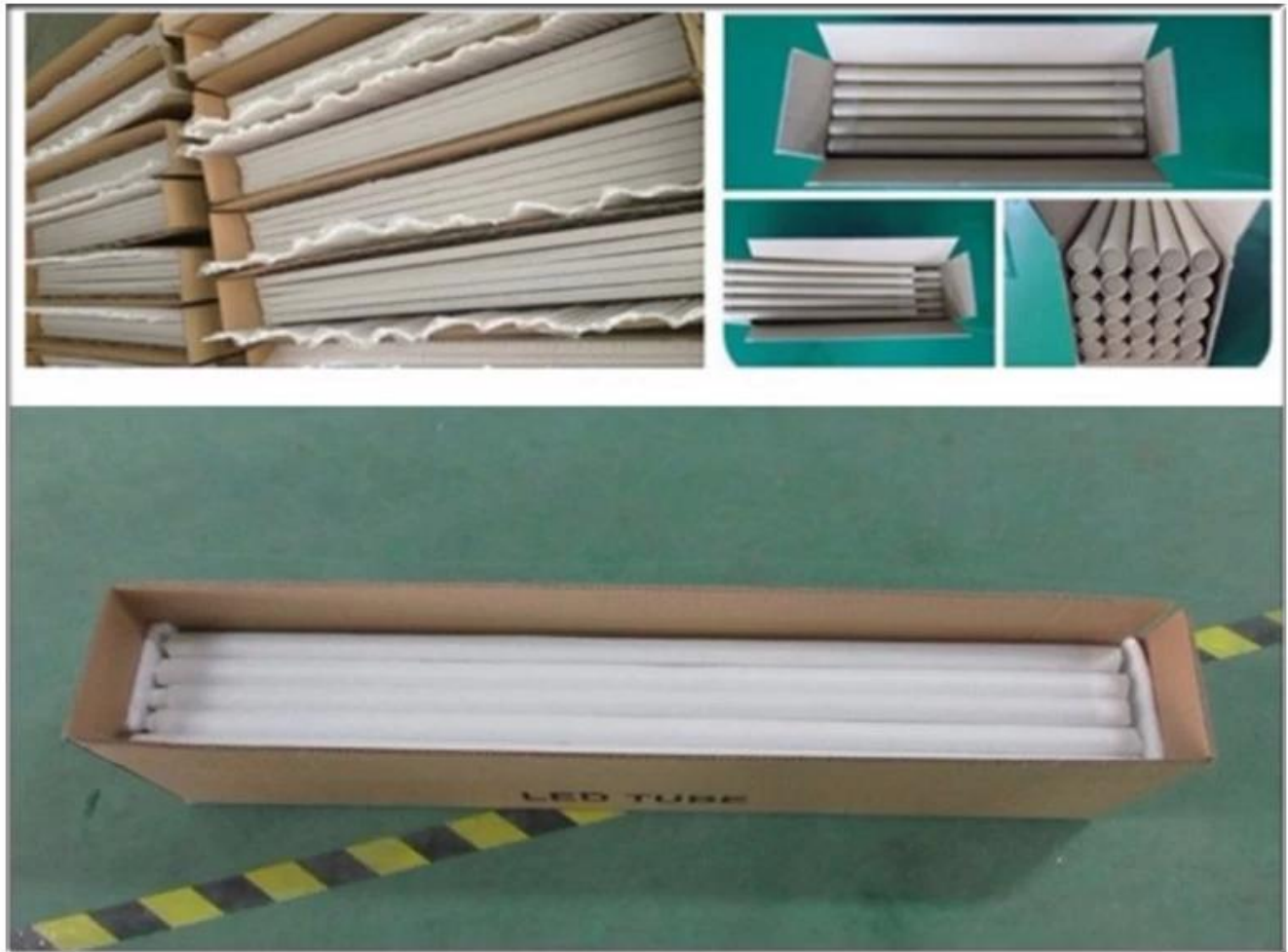
<sup>2</sup> Disconnect lamp from power supply before any maintenance.

<sup>2</sup> Clean luminaires with dry cloth.

<sup>2</sup> Do not clean the lamp with corrosive chemicals.

**Warning: Discontinue use if damaged.**

### **Package**



### **Return Policy**

We provide a free TWO YEARS LIMITED WARRANTY based on average daily use of 4 hours for this item.

Should returns be required:

Step 1) Contact us with this website email.

Step 2) Provide as much detail as possible about the problem you are having.

Step 3) Authorization to return the item will be issued.

Step 4) Return the item for the agreed replacement or refund.



### **FAQ**

Q1.Are you a manufacturer?

A1: Yes, we are an experienced manufacturer with our own molds and production lines.

Q2.How about quality of products?

A2: Our technicians and QC teams test the products one by one using aging line, professional devices and instruments to ensure the quality for all products.

Q3.How about price?

A3: We are a manufacturer and always offer our customers the most competitive prices.

Q4.How to place an order?

A4: Contact with online service, or sent email to us directly, we will reply to you with product price, specifications, packing etc. soon. Thank you.

Q5.May I buy samples from you?

A5: Yes! You are welcome to place sample order to test our superior quality and service, mixed samples are acceptable.

Q6.Can I visit your factory?

A6: Yes, welcome to visit our factory at your convenient time.

Q7.How can I make OEM or ODM orders?

A7: We have different print processing for different OEM/ODM orders. Please contact us with online service or send email to us directly.

Q8. How should I pay for my orders?

A8: You can pay by T/T, L/C at sight would be available for qualified bank and MOQ required for each order.

## Logistics

Sample order ship by DHL, UPS, FedEx, TNT, EMS etc

For mass order delivery, can be optional with terms of Exwork, FOB, CNF, CIF by air or by sea based on the buyer's forwarder or ours



## Certifications



## Exhibition & Fair



## Factory Show

