T8 LED Emergency fixture -1*8-20W

Description

The tubes work under normal supply of AC power (with a wall switch, the light can control on/off when AC power on). At the same time, the battery is charging. When earthquakes, explosions, or other sudden disasters happened, lead to AC power failed, the tube automatically switch to battery power supply to keep light on. Emergency time can be 90minutes, 2 hours or customized.

Feature

- ◆ Adopt high-grade ABS base and PC cover fitting, good quality seal for better waterproof,IP65 protection rate
- ◆Surface mounted or hanging installation option
- ◆Uising high brightness SMD2835 led chips as light source
- ◆Adopt High Temperature Ni-Cd or Ni-Mh battery pack
- ◆Emergency watts mode：full power, 8w/12w/14w/18w/20w
- ◆Emergency duration ： 90mins, 2h or customized
- ◆Available in 2ft 1x8w; 4ft 1x12w/14w/18w; 5ft 1x18w/20w.
- ◆Approved by SAA and C-tick and meet AS2293.3
- ◆2 years warranty

Specification

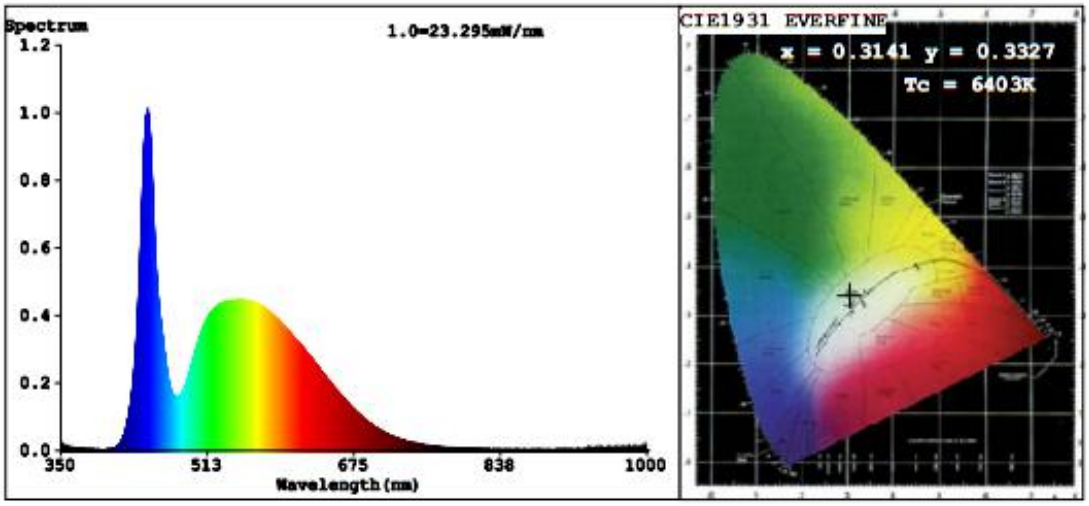
Model	ZL-T8YJF-2FT-S	ZL-T8YJF-4FT-S	ZL-T8YJF-5FT-S
Rated Power	8W	12W/14W/18W	18W/20W
Suggested Replacement For Fluorescent tube	20W	40W	60W
Input power Supply	AC200-240V/50-60HZ		
Power Factor	>0.9		
LED chip	54pcs SMD2835	100pcs SMD2835	110pcs SMD2835
Luminous Flux @6000K ）	650lm	1300lm	1700lm
Colour Temperature	2800-7000K		
Rendering Index	RA>80		
Luminous Efficacy	65-75lm/W		
Beam Angle	120 degree		
Operating Temperature	0℃ to 40℃		
Protection Rating	IP65		
Dimensions	568*88*100mm	1268*88*100mm	1568*88*100mm
Emergency battery	HIGHT TEMP NI-CD or NI-MH		
Emergency watt:	8W	12W/14W/18W	18W/20W
Rated Operating Life	50,000 hours		
Warranty	3 Years （battery 1 year）		

Everfine Test Report

EVERFINE 远方

EVERFINE HAAS-1200 Test Report 1 Of 1

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3141 y=0.3327/u'=0.1974 v'=0.4705

Tc=6403K(Duv=0.0044) Dominant WL:Ld =491.3nm Purity=6.5%

Ratio:R=14.4% G=81.3% B=4.3% Peak WL:Lp=446.4nm HWL:Lhd=19.0nm

Render Index:Ra=80.6

R1 =80	R2 =82	R3 =84	R4 =82	R5 =81	R6 =77	R7 =86	
R8 =73	R9 =14	R10=58	R11=82	R12=57	R13=79	R14=91	R15=76

Photo Parameters:

Flux = 654.5 lm Eff. : 73.48 lm/W Fe = 2.160 W

Electrical parameters:

V = 220.4 V I = 0.04241 A P = 8.907 W PF = 0.9530

LEVEL:OUT WHITE:ANSI_6500K

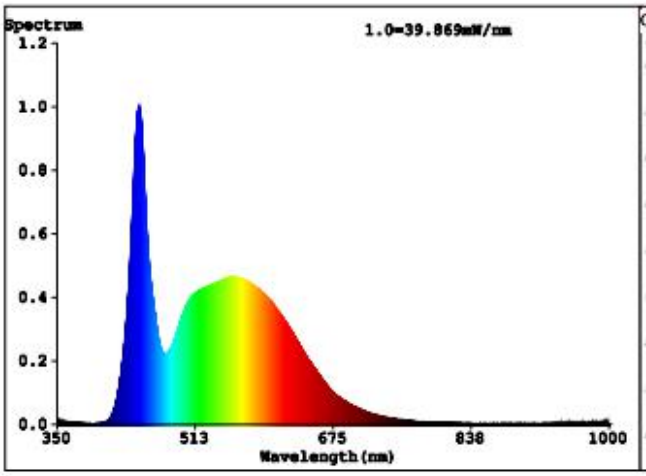
Status: Integral T = 23 ms Ip = 50415 (77%)

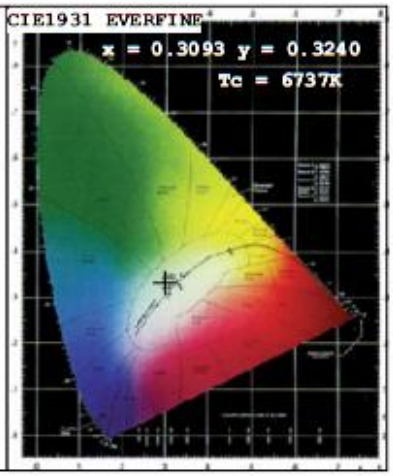
Model:SINGLE T8-0.6M FIXTURE	Number:
Tester:001	Date:2012-12-12
Temperature:25.3Deg	Humidity:65.0%
Manufactory:COMLED	Remarks:---

EVERFINE 远方

EVERFINE HAAS-1200 Test Report 1 Of 1

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3093 y=0.3240/u'=0.1974 v'=0.4651

Tc=6737K(Duv=0.0023) Dominant WL:Ld =486.5nm Purity=8.8%

Ratio:R=14.4% G=80.5% B=5.0% Peak WL:Lp=447.1nm HWL:Lhd=22.2nm

Render Index:Ra=83.1

R1 =82	R2 =85	R3 =88	R4 =85	R5 =84	R6 =81	R7 =87	
R8 =73	R9 =14	R10=66	R11=85	R12=65	R13=82	R14=93	R15=78

Photo Parameters:

Flux = 1278 lm Eff. : 67.33 lm/W Fe = 3.957 W

Electrical parameters:

V = 220.4 V I = 0.09170 A P = 18.99 W PF = 0.9394

LEVEL:OUT WHITE:ANSI_6500K

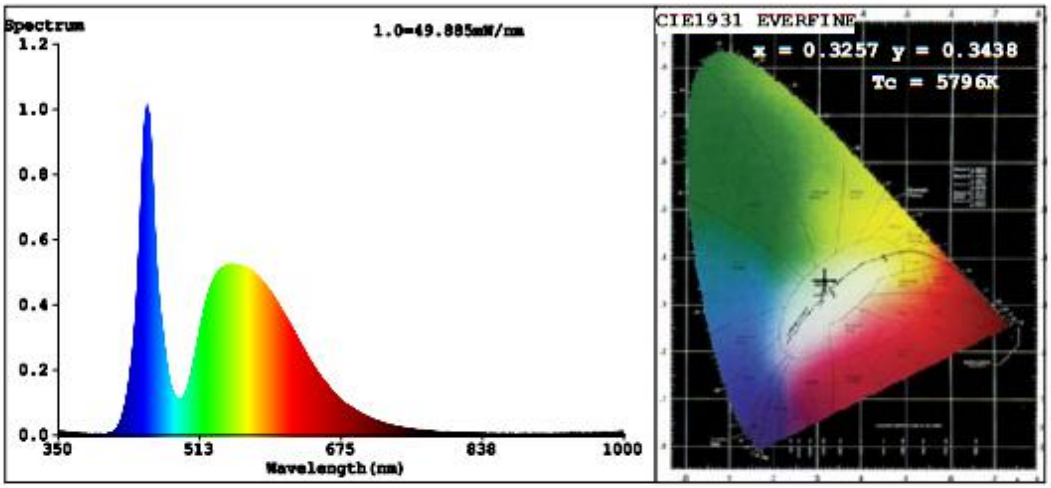
Status: Integral T = 14 ms Ip = 52639 (80%)

Model:SINGLE T8-1.2M FIXTURE	Number:
Tester:001	Date:2012-12-12
Temperature:25.3Deg	Humidity:65.0%
Manufactory:COMLED	Remarks:---

EVERFINE 远方

EVERFINE HAAS-1200 Test Report 1 Of 1

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3257 y=0.3438/u'=0.2013 v'=0.4779

Tc=5796K(Duv=0.0044) Dominant WL:Ld =511.2nm Purity=2.4%

Ratio:R=14.2% G=82.2% B=3.6% Peak WL:Lp=452.2nm HWL:Lhd=20.5nm

Render Index:Ra=73.4

R1 =71	R2 =78	R3 =80	R4 =73	R5 =71	R6 =68	R7 =84	
R8 =62	R9 =0	R10=45	R11=68	R12=38	R13=72	R14=89	R15=67

Photo Parameters:

Flux = 1640 lm Eff. : 64.86 lm/W Fe = 4.745 W

Electrical parameters:

V = 220.4 V I = 0.1171 A P = 25.29 W PF = 0.9797

LEVEL:OUT WHITE:ANSI_5700K

Status: Integral T = 10 ms Ip = 49178 (75%)

Model:SINGLE T8-1.5M FIXTURE	Number:
Tester:001	Date:2012-12-12
Temperature:25.3Deg	Humidity:65.0%
Manufactory:COMLED	Remarks:---

Certificates

ATC

CERTIFICATE

of Conformity

Registration No.: ATE20112868

Submitter	:	Shenzhen COMLED Electronic Technology Co., Ltd.
Address	:	Room 212, Kunhong Building, Jinjiang Industry Park, Xinhe Road, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Product	:	T8 LED Emergency Light Fixture
Model No.	:	ZL-T8YJF-4FT-D, ZL-T8YJ-3FT-D, ZL-T8YJF-2FT-D, ZL-T8YJF-4FT-S, ZL-T8YJ-3FT-S, ZL-T8YJF-2FT-S

Test Standards:	
AS/NZS CISPR 15: 2006	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

ACCURATE TECHNOLOGY CO LTD APPROVED

(Sean Liu)

Date: January 11, 2012

Accurate Technology Co., Ltd. - F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park
Nanshan District, Shenzhen 518057, P.R. China
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Certificate Number: TUV16524E

TÜVRheinland

CERTIFICATE OF SUITABILITY

Authorised marking: TUV16524E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled

CERTIFICATE HOLDER: Shenzhen COMLED Electronic Technology Co., Ltd.
9E, Xinbaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province,
China

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared

Product: T8 LED EMERGENCY LIGHT FIXTURE

Trade Name / Manufacturer: COMLED

Model Number: ZL-T8YJF-5FT-D, ZL-T8YJF-2FT-S, ZL-T8YJF-2FT-D, ZL-T8YJF-4FT-S, ZL-T8YJF-4FT-D, ZL-T8YJF-5FT-S

Ratings: 220-240V a.c., 50/60Hz, Class I, IP65
Details refer to CONTINUATION SHEET 1

Standard: AS/NZS 60598.2.22:2005
AS/NZS 60598.1:2003

Issue Date: 18/10/2013
Expiry Date: 18/10/2018

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

JAS-ANZ
Acc. No. Z287040AA
www.jas-anz.org/register

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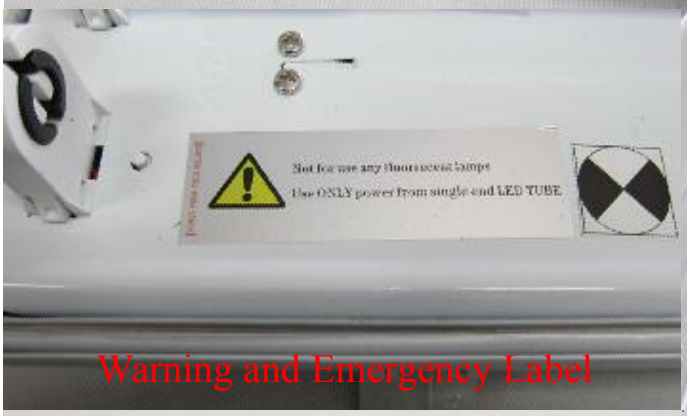
Detail picture


Emergency fixture

Test and Set Panel


IP65 Gland


LED Tube



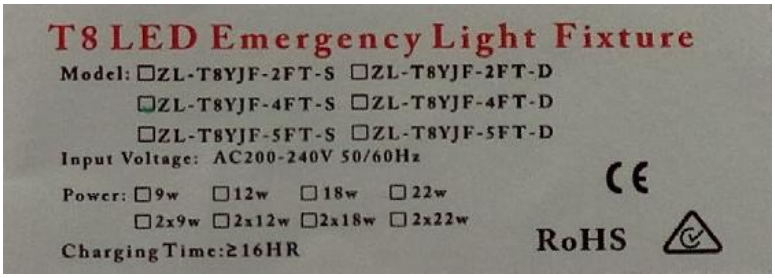
Warning and Emergency Label


Emergency backup pack


Clips and Buckle

Terminal block

Mark/ Label on the fixture:



Packing Specification

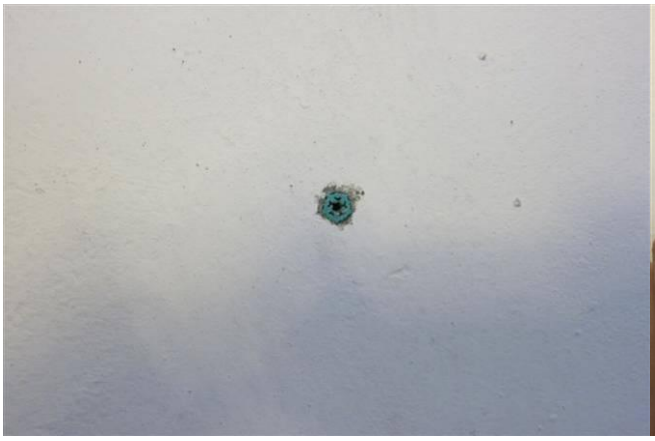
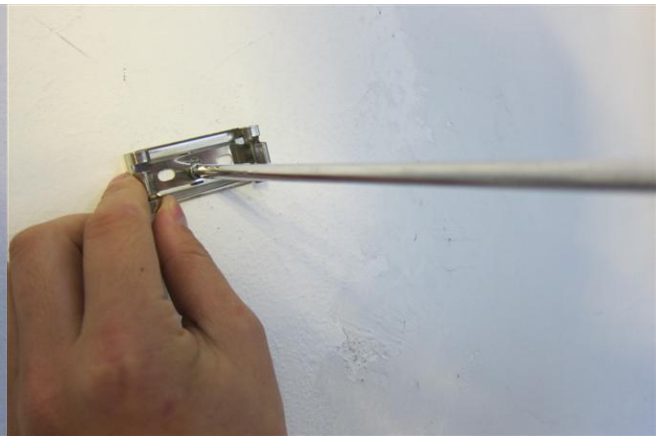
	2FT	4FT	FT
Box Size(1 unit/box)	730*105*110mm	1320*140*110mm	1600*105*110mm
Carton Size	740*440*220mm	1335*440*220mm	1640*430*220mm
Gross Weight	11.22Kg	22.86Kg	26.5Kg
Net Weight	9Kg	19.26Kg	24Kg
Quantity	8 pcs/carton		

Installation

1. **Open the package; take out the accessory for installation.**


2. Check the fixture to make sure T8 tubes fixed well, if necessary， open the cover and check.


3. Choose a suitable place to mount the fixture. Tack plastic studs on the ceiling and fix the metal buckles on the wall/ceiling with screws.

4. Mounting the fixture to bulkles.

5. Connect the power wires.

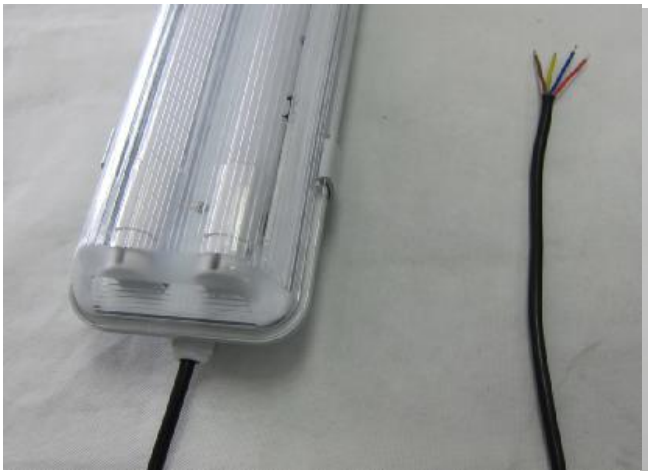
a) Connect main power wires to lead wires as follows.

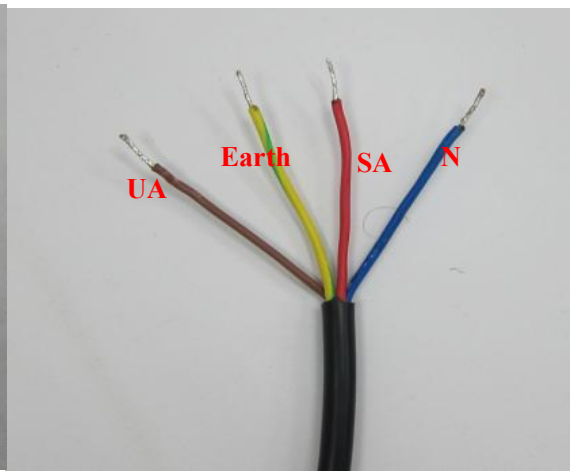
Connect main power live line (L) to Brown wire (UA), **Live line (L) – UA**

Connect main power Earth to Yellow/Green wire (Earth) **Earth—Earth**

Connect Switch lines (L,L') to Brown wire (UA) and Red wire (SA) **Switch lines (L,L') -UA, SA**

Connect main power neutral line (N) to Blue wire (N) **Neutral line (N)--N**





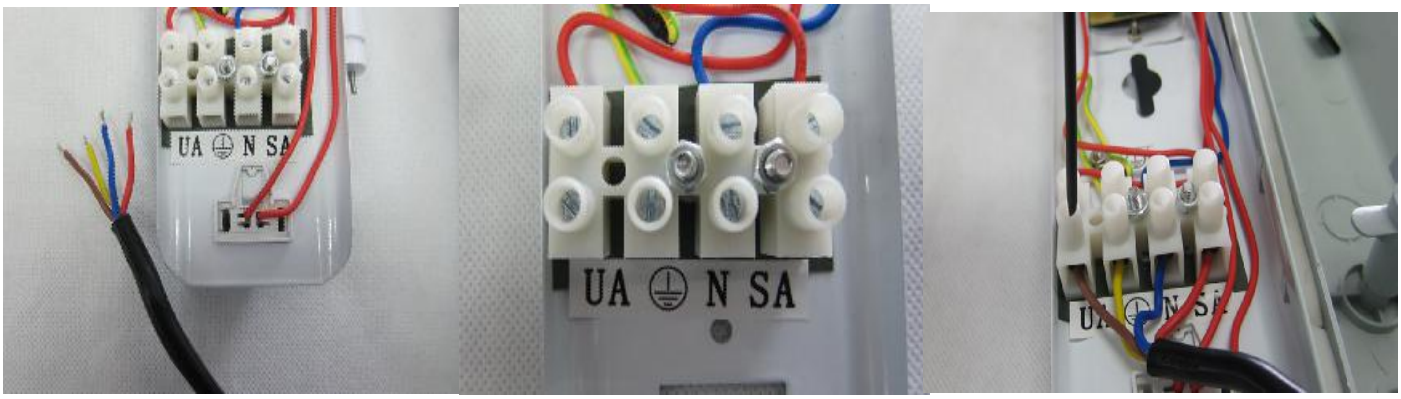
b) Open the cover and let main power wires go through the Gland and connect wires to inside terminal block as follows.

Connect main power live line (L) to "UA", **Live line (L)-UA;**

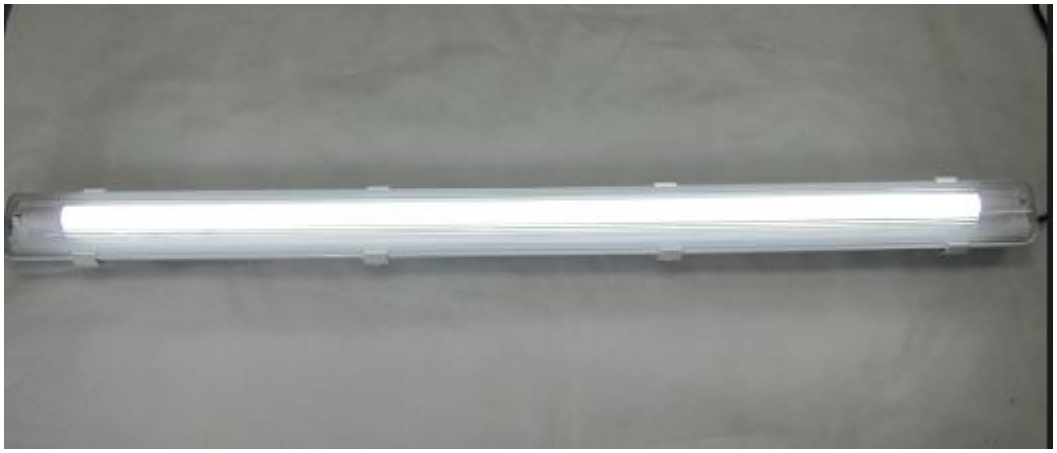
Connect main power Earth to "Earth", **Earth--Earth;**

Connect Switch lines (L,L') to "UA" and "SA", **Switch lines (L,L')—UA, SA;**

Connect main power Neutral line(N) to "N", **Neutral line (N)—N;**



6. Turn on the AC power.



Maintenance

1. In order to extend lifetime of the product and more safe operation, please keep it clean, maintenance and don't using it in more than 40 Celsius or less than zero degree environment and avoiding 7x24h full power light on.

2. While cleaning the lamp, please use the soft cloth with soap water and wring it, then try to sweep.

3. Don't use the volatile chemic liquid such as alcoholic, gasoline or pesticide to sweep, otherwise, easily damage the lamp, thereby affect the lifetime of product.

4. If there are any doubts or problems while you are installing, please contact your supplier or manufacturer.

Cautions

1. Before installation, please make sure there is no AC power connected.

2. For indoor and outdoor use.

3. Please notice that don't use any objectives to cover the lamp.

4. Maintenance should only be done by a professional technician.