

Description

This 18W LED Ceiling Light is made with high brightness Epistar LEDs, SAA driver, with less degradation and 50,000 hours lifespan, replacing the 36-40W fluorescent ceiling light. Ni-Mh or Ni-Cd battery backup can support at least 90mins emergency, 2hours or customized.

Specification

Model Number: ZL-ECLP18-XW

Power Consumption: 14W, 16W, 18W

Power Factor: > 0.92

Input Voltage: AC200~240V

Frequency: 50/60Hz

Battery: Ni-MH/4-6AH **Emergency Duration:** >90mins, 120mins or customized

Equivalent to: 36~40W traditional incandescent light

Color Temperature Option: 2800-7000K

View Angle: 120°

Working Temperature: -25°C~+40°C

CRI: >80

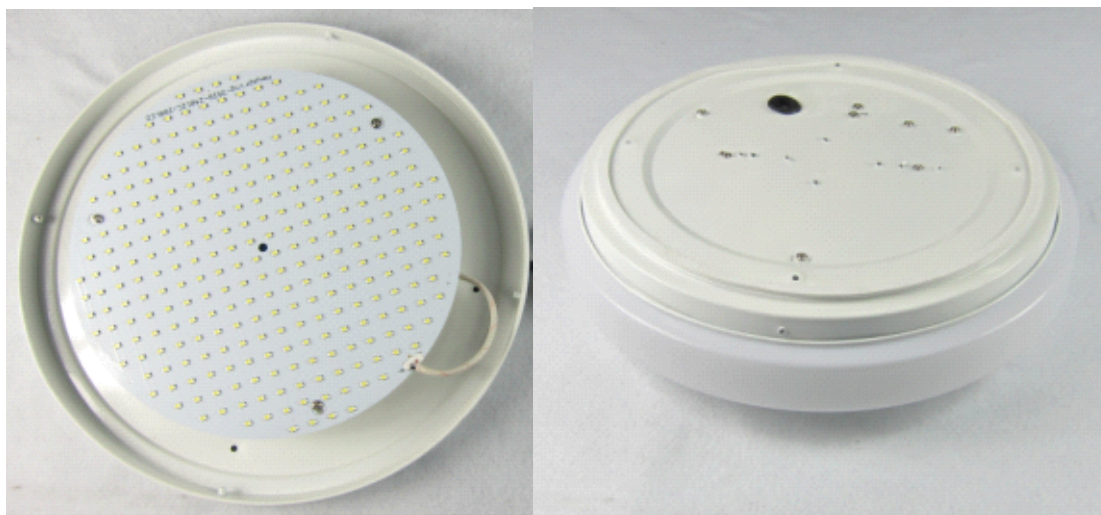
Flux Lumen: 1000lm/14W 1150lm/16W 1300lm/18W

Lifespan: 50,000 hours **Battery Lifespan:** 300-500 times of charging & recharging cycles

Light Source: 288pcs SMD3528 LEDs (Epistar)

Demension: Φ360 x 112.5 mm **Weight:** 2200g

Certificates: C-Tick, SAA



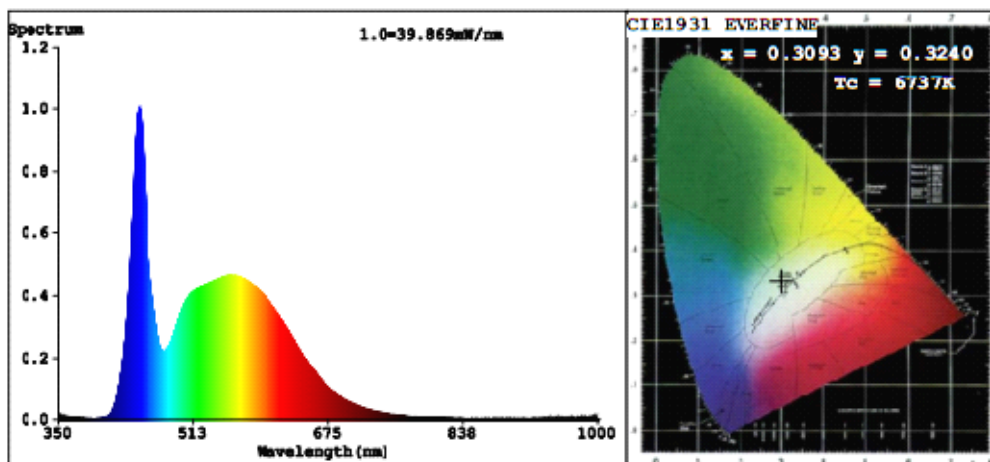
Everfine Test Report



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=82.3
 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 = 1265 lm Eff. : 66.65 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:LED CEILING LIGHT 18W
 Tester:001
 Temperature:25.3Deg
 Manufactory:COMLED

Number:
 Date:2012-12-12
 Humidity:65.0%
 Remarks:---

Certificates

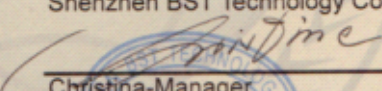


Best Service of Testing
since 2003



DECLARATION OF CONFORMITY

This product is in conformance with AS/NZS CISPR15, for Information Technology Equipment.

Trade Name:	COMLED
Main Test Model.:	ZL-ECLP18-XX
Additional Model:	ZL-ECLP16-XX, ZL-ECLP12-XX
Responsible Party:	SHENZHEN COMLED ELECTRONIC TECHNOLOGY CO., LTD
Address:	9E, Xinbaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Manufacturer:	SHENZHEN COMLED ELECTRONIC TECHNOLOGY CO., LTD
Address:	9E, Xinbaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Contact Person/Title:	Xu Dongsheng/General Manager
Telephone:	0755 23109966
Fax:	0755 23495982

EUT Certification Summary	
Equipment Class:	AS/NZS CISPR15
Product Type:	LED EMERGENCY CEILING LIGHT
Certificate NO.:	BSTDG1312188EC-6
Issuance Date:	2013-12-27
Tested by:	Shenzhen BST Technology Co.,Ltd.
Authorized Signature:	 Christina-Manager

We, the responsible party:
SHENZHEN COMLED ELECTRONIC TECHNOLOGY CO., LTD
Declare that the product
LED EMERGENCY CEILING LIGHT

was tested to conforms to the above mentioned Australia/New Zealand Standard(s)
It is only valid in connection with the test report number: BSTDG1312188ER-6.

Signature of Authorized Person

Date

Print Name

Title



Certificate of Approval

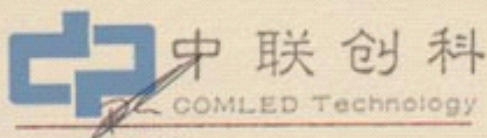
Certificate No.: SAA130113
Date of Issue: 31 January 2013

Certificate Holder: Shenzhen COMLED Electronic Technology Co.,Ltd
Room 212, Kunhong Building,
Jinjiang Industry Park, Xinhe Road, Shajing Town,
Baoan District,
Shenzhen
P.R. China

Class Description: Non-Declared
Product Description: LED Emergency Ceiling Light
Brand Name: COMLED
Model No.: ZL-ECLP18-XX
Markings: Input: 240Vac 50-60Hz 18W
Battery: 12Vdc 4000mAh
Luminaire: LED 12Vdc 18W
Standard: AS/NZS 60598.2.22:2005
Conditions: Nil

Approval Mark: SAA130113 or RCM

Date First Registered: 31 January 2013
Date of Expiry: 31 January 2018



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

JAS-ANZ



www.jas-anz.org/register



130113/1

Mark/ Label

LED Emergency Ceiling Light

Model: ZL- ECLP18-XW

Power: 18W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



LED Emergency Ceiling Light

Model: ZL- ECLP18-XW

Power: 18W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



LED Emergency Ceiling Light

Model: ZL- ECLP16-XW

Power: 16W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



LED Emergency Ceiling Light

Model: ZL-ECLP16-XW

Power: 16W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



LED Emergency Ceiling Light

Model: ZL- ECLP12-XW

Power: 12W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



LED Emergency Ceiling Light

Model: ZL-ECLP12-XW

Power: 12W ta=40°C

Input: AC100-240V 50-60Hz

Color Temp: WW CW

SAA NO.: SAA130113

C-Tick NO.: BSTDG1312188EC-6



Packing Specification

Box: 40x 40 x 6.5mm (1 pcs/box) (Samples need wooden box for shells)

Carton: 81x 43 x 42mm

Gross Weight: 15.52kg

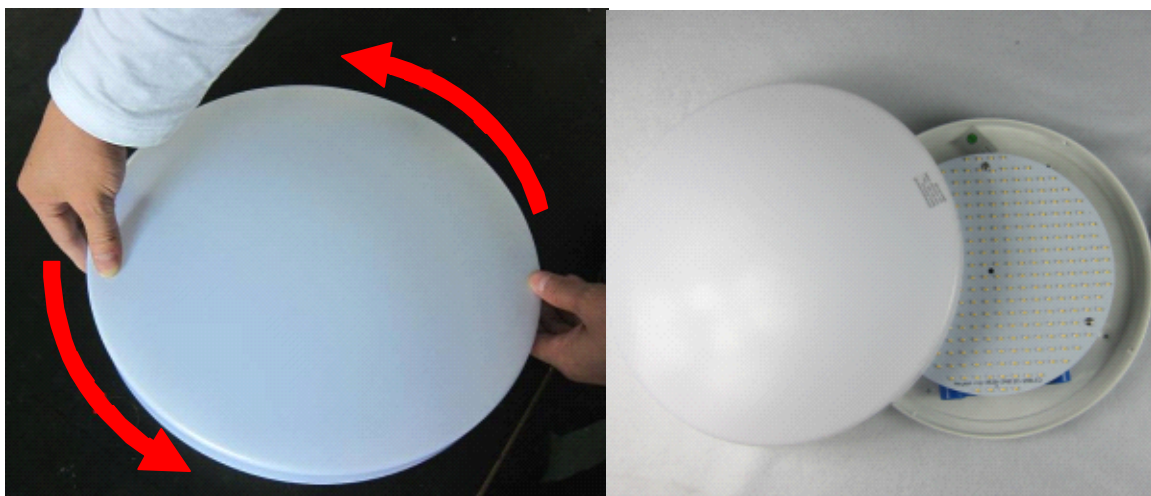
Net Weight: 13.28kg

Quantity: 6pcs/carton

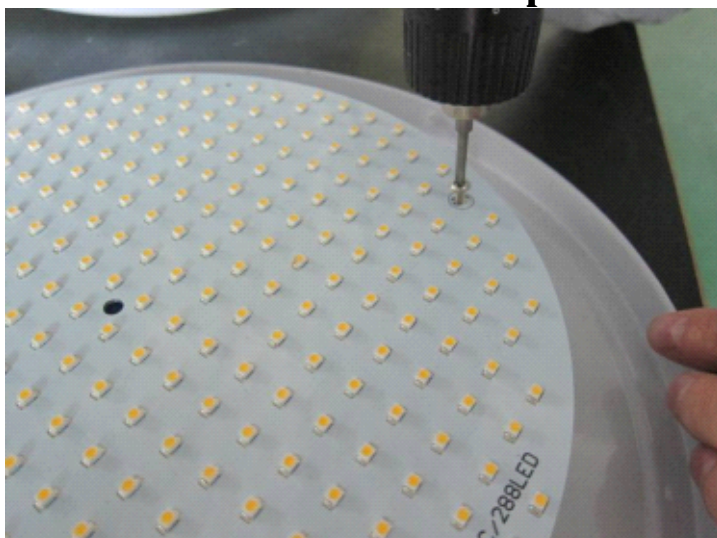


Installation Instruction:

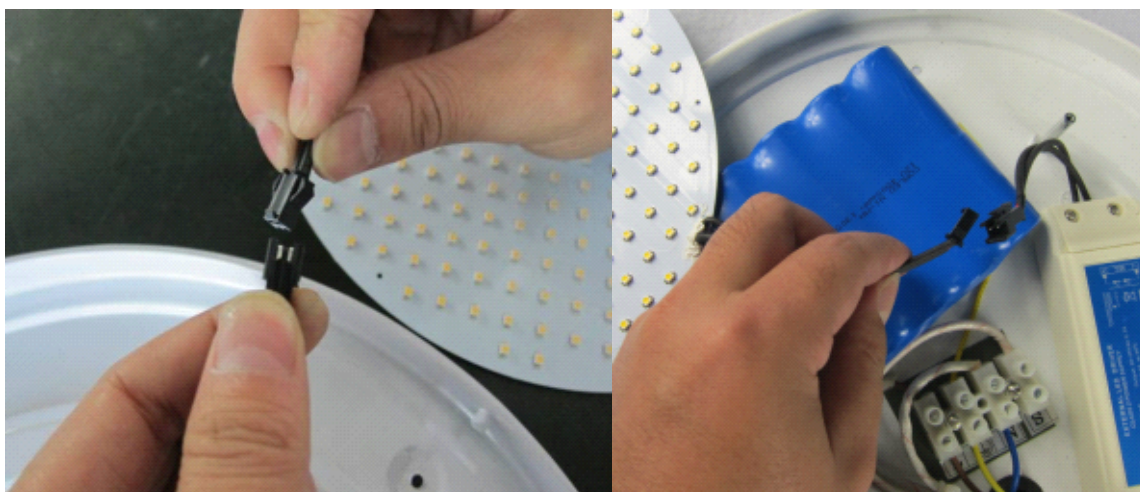
1. Take off the cover from right to left.



2. Take off the screws from the LED panel.



3. Take off the connection between LED panel and driver.

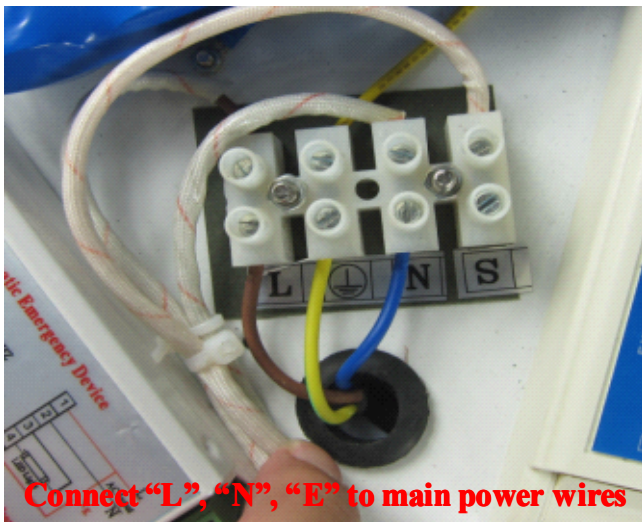


4. Tack four plastic studs on the ceiling.



5. Wires connections for 3 circumstances using.

a) Fixture light on only emergency circumstance



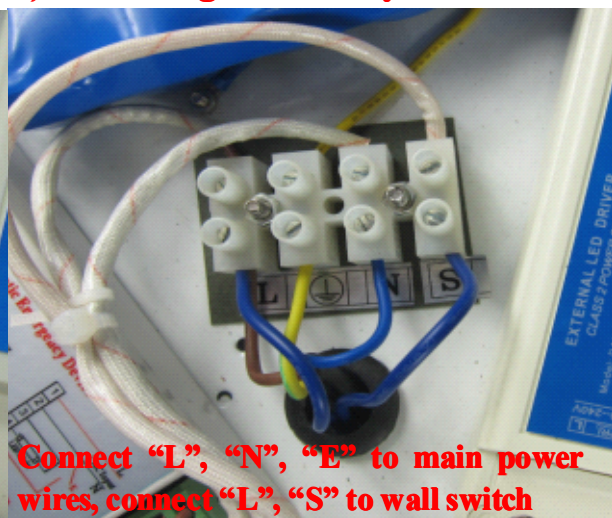
Connect "L", "N", "E" to main power wires

b) Fixture light on 24hours



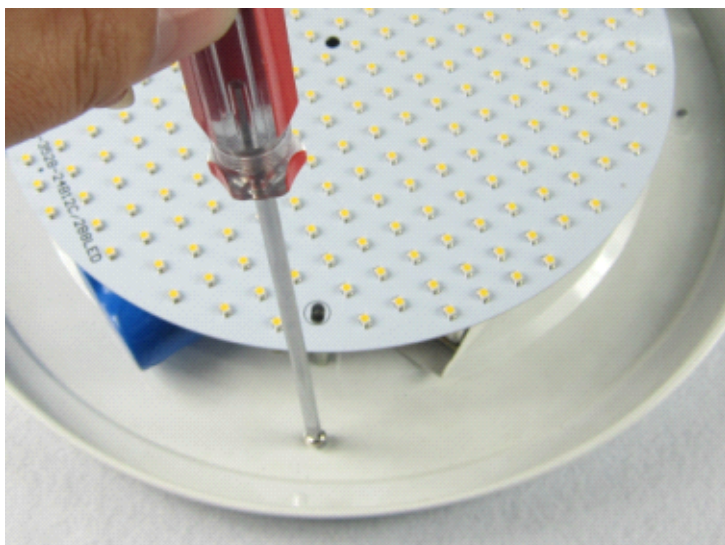
Connect "L", "N", "E" to main power wires and shortcut "L", "S" inside

c) Fixture light on/off by wall switch

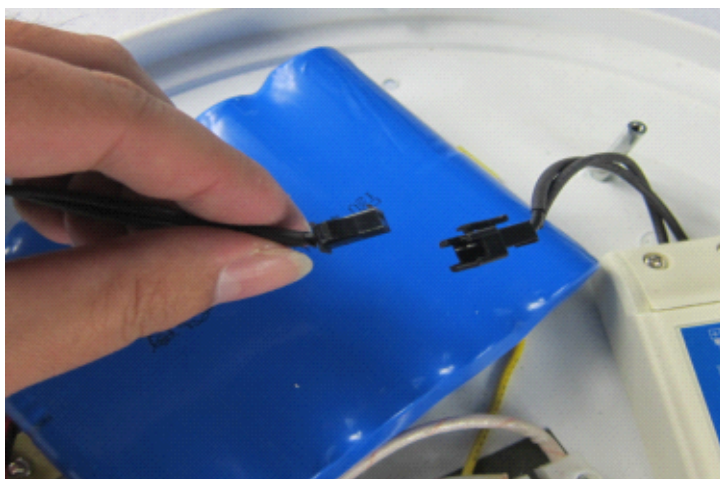


Connect "L", "N", "E" to main power wires, connect "L", "S" to wall switch

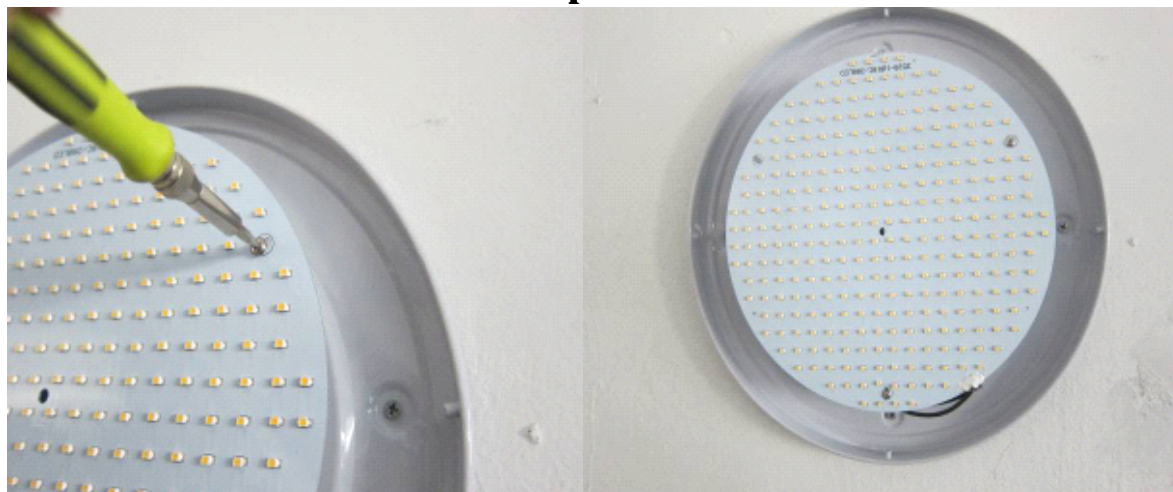
6. Put the aluminous base on the ceiling, match to the four plastic studs, and tack the screws in.



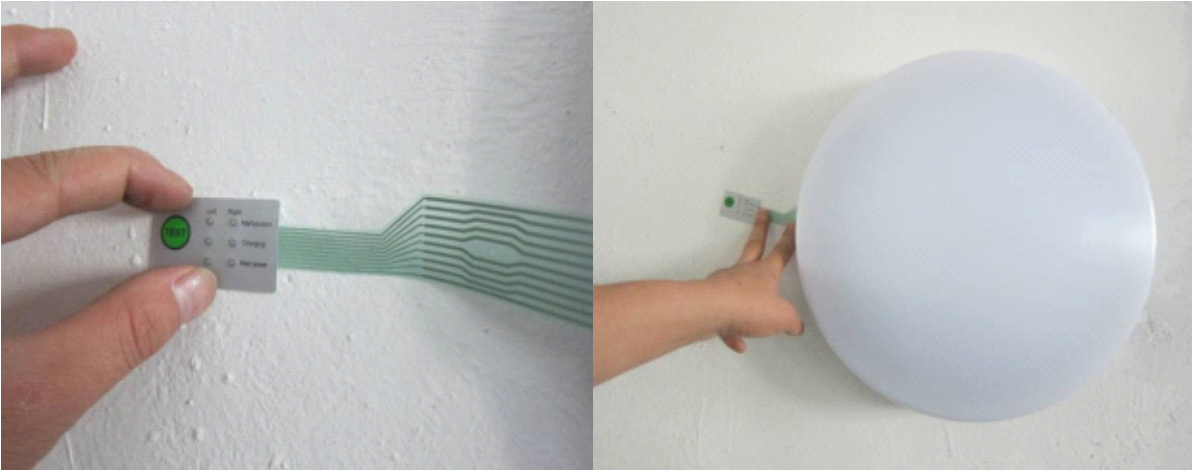
7. Connect the driver and LED Panel.



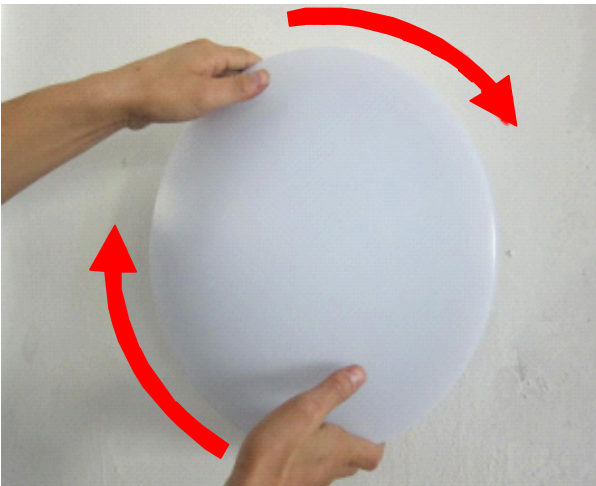
8. Tack the screws back to the LED panel.



9. Stick the Testing Switch/Indicator on the ceiling.



10. Put the cover back.



Maintenance

- 1. In order to extend lifetime of the product and more safe operation, please keep it clean, maintenance and preserve**
- 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 use only.**
- 3. Maintenance should only be done by a professional technician.**