

Led Waterproof Batten Lighting -SMD



Description

The waterproof batten fixture(SMD) works under normal supply of AC power, IP65 protection , dust-and moisture-proof, impact resistant. Using stainless toggles and stainless steel mounting brackets, easy installation and maintenance. It widely used in tunnel, Rail-way station, Metro station, Supermarket, stair well, corridor, evacuation passage, especially parking lots.


Features

- ◆ Adopt high-grade PC base and PC cover fitting, good quality seal for better waterproof, high transmittance frost cover (>88%), IP65 protection rate
- ◆ Surface mounted or hanging installation option
- ◆ Using high brightness SMD2835/5730 led chips as light source
- ◆ Adopt high quality LED constant driver
- ◆ Available in 2ft 18-20W, 4 ft 36-40W and 5ft 44-50W
- ◆ Approved by CE ROHS SAA and C-tick (RCM)
- ◆ 3 years warranty

Specification

Model	ZL-WPLP20-SMD-2FT	ZL-WPLP40-SMD-4FT	ZL-WPLP60-SMD-5FT
Rated Power	18W	36W	44W
Suggested Replacement For Fluorescent tube	40W	80W	120W
Input power Supply	AC90-130V/AC200-240V/50-60HZ		
Power Factor	0.92		
LED chip	104pcs SMD2835	208pcs SMD2835	260pcs SMD2835
Luminous Flux @6000K)	1600lm	3500lm	3800lm
Colour Temperature	2800-7000K		
Rendering Index	RA>80		
Luminous Efficacy	82-101lm/W		
Beam Angle	120 degree		
Operating Temperature	-20°C to 40°C		
Protection Rating	IP65		
Dimensions	680*108*85mm	1260*108*85mm	1560*108*85mm
Rated Operating Life	50, 000 hours		
Warranty	3 Years		
<i>Samsung SMD5630 version available on all models, Lumen and price will be different</i>			

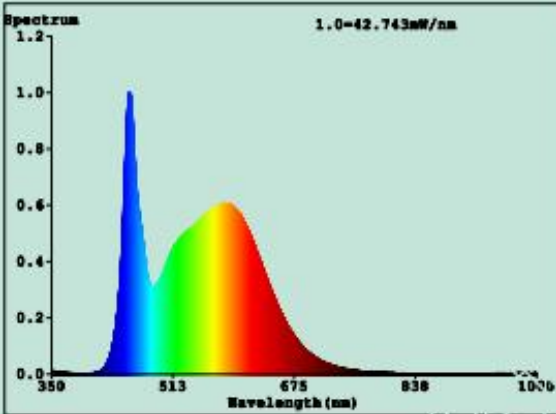
Test Report




EVERFINE HAAS-1200 Test Report

1 Of 1

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate: $x=0.3418$ $y=0.3547$ $u'=0.2080$ $v'=0.4857$
 $T_c=5137K$ (Duv=0.0029) Dominant WL: $\lambda_d=567.6nm$ Purity=9.0%
 Ratio: R=16.7% G=78.3% B=4.9% Peak WL: $\lambda_p=454.6nm$ BWL: $\lambda_{hd}=25.7nm$
 Render Index: $R_a=83.3$
 R1 =82 R2 =92 R3 =95 R4 =80 R5 =82 R6 =87 R7 =85
 R8 =64 R9 =5 R10=79 R11=79 R12=62 R13=85 R14=98 R15=76

Photo Parameters:

Flux = 1613 lm Eff. : 86.38 lm/W $P_e = 5.049 W$

Electrical parameters:

V = 220.3 V I = 0.08983 A P = 18.67 W PF = 0.9435

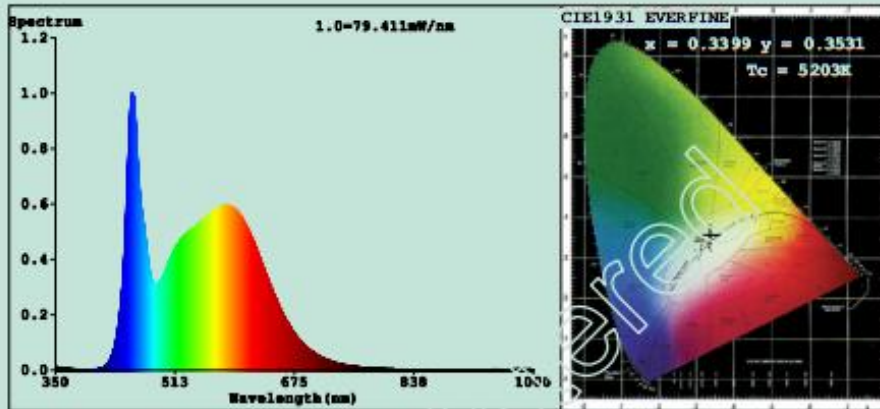
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 14 ms $I_p = 51738 (79\%)$

Model: new waterproof light 18W 5000lmber:	
Tester:	Date: 2015-04-10
Temperature: 25.3Deg	Humidity: 65.0%
Manufactory:	Remarks: ---



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3399$ $y=0.3531/u'=0.2074$ $v'=0.4846$
 $T_c=5203K$ (Duv=0.0028) Dominant: WL:Ld =566.1nm Purity=7.9%
 Ratio:R=16.7% G=78.4% B=5.0% Peak WL:Lp=454.6nm EWL:Lhd=25.8nm
 Render Index:Ra=83.5
 R1 =82 R2 =92 R3 =95 R4 =80 R5 =82 R6 =87 R7 =85
 R8 =65 R9 =6 R10=80 R11=79 R12=62 R13=85 R14=98 R15=76

Photo Parameters:

Flux = 2942 lm Eff. : 80.22 lm/W P_e = 9.240 W

Electrical parameters:

V = 220.4 V I = 0.1707 A P = 36.67 W PF = 0.9750

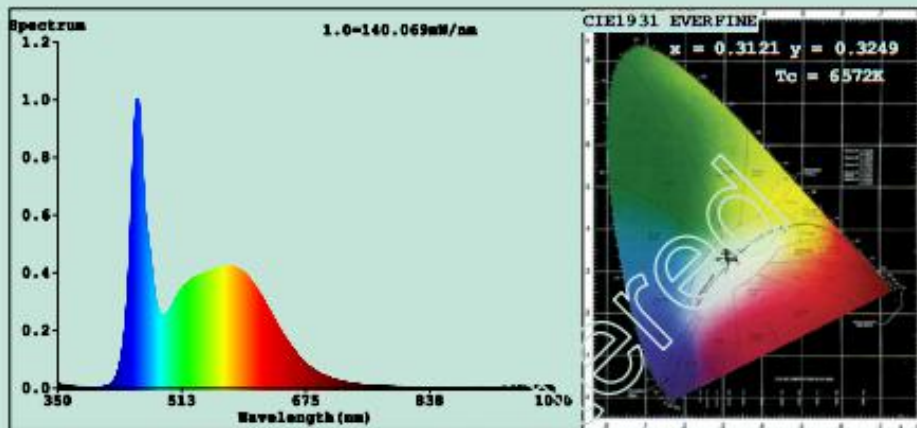
LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 8 ms I_p = 54892 (84%)

Model:1.2M waterproof lighting 36Number:
 Tester:001 Date:2015-04-14
 Temperature:25.3Deg Humidity:65.0%
 Manufactory:EVERFINE Remarks:---



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3121 y=0.3249/u'=0.1989 v'=0.4660

Tc=6572K(Duv=0.0014) Dominant WL:Ld =486.5nm Purity=7.8%

Ratio:R=15.0% G=79.0% B=6.0% Peak WL:Lp=454.9nm HWL:Lhd=23.4nm

Render Index:Ra=84.7

R1 =84 R2 =93 R3 =94 R4 =81 R5 =83 R6 =87 R7 =86

R8 =70 R9 =15 R10=81 R11=80 R12=57 R13=88 R14=97 R15=80

Photo Parameters:

Flux = 3803 lm Zzf. : 87.32 lm/W Fe = 12.51 W

Electrical parameters:

V = 220.3 V I = 0.2038 A P = 43.55 W PF = 0.9702

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 4 ms Ip = 48525 (74%)

Model:1.5M waterproof smd 44W
 Tester:001
 Temperature:25.3Deg
 Manufacturer:EVERFINE

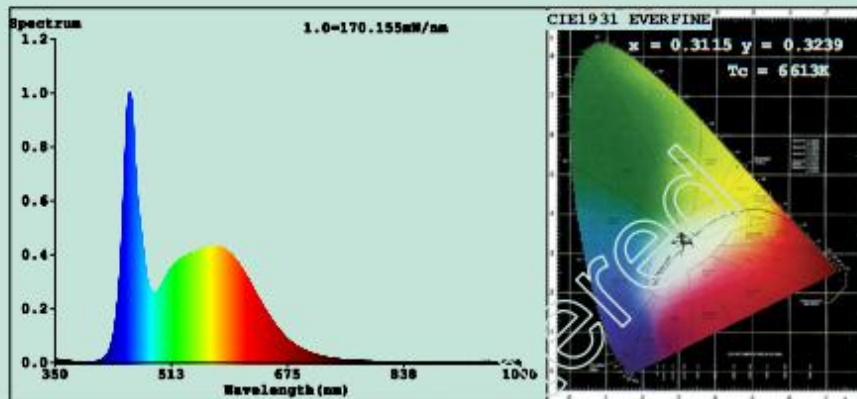
Number:
 Date:2015-04-14
 Humidity:65.0%
 Remarks:---


 EVERFINE 远方

EVERFINE HAAS-1200 Test Report

1 Of 1

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3115$ $y=0.3239/u'=0.1989$ $v'=0.4654$
 $T_c=6613K$ (Duv=0.0011) Dominant WL: $L_d=436.0nm$ Purity=8.1%
 Ratio: R=14.9% G=79.1% B=6.0% Peak WL: $L_p=454.6nm$ HWL: $L_{hd}=24.4nm$
 Render Index: $R_a=84.7$
 R1 =84 R2 =93 R3 =94 R4 =81 R5 =83 R6 =86 R7 =87
 R8 =70 R9 =15 R10=90 R11=80 R12=58 R13=88 R14=97 R15=80

Photo Parameters:

Flux = 4716 lm Eff. : 82.52 lm/W $P_e = 15.54 W$

Electrical parameters:

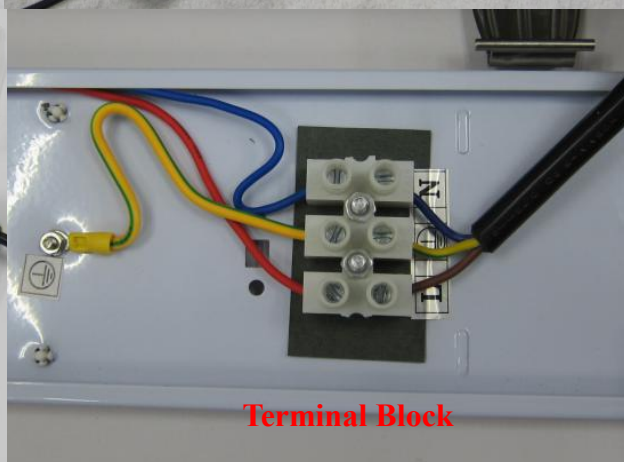
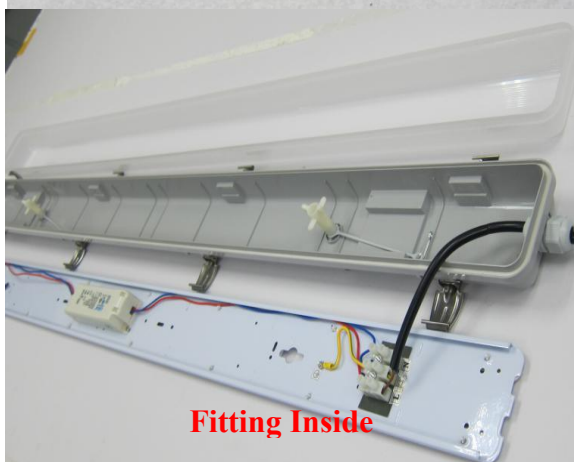
V = 220.3 V I = 0.2651 A P = 57.15 W PF = 0.9786

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 3 ms $I_p = 43937$ (67%)

Model:1.5M waterproof SMD 6000K Number:
 Tester:001 Date:2015-04-07
 Temperature:25.3Deg Humidity:65.0%
 Manufactory:EVERFINE Remarks:---

Detail Picture



Certificates



SAA
APPROVALS®

Certificate of Suitability

Certificate No.:	SAA150633
Certificate Holder:	Shenzhen COMLED Electronic Technology Co.,Ltd 9E, Xinbaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province 518104 P.R. China
Class Description:	Non-Declared
Product Description:	LED Waterproof Batten Lighting
Brand Name:	COMLED
Model No.:	ZL-WPLP60-SMD-5FT
Markings:	85-265Vac 50/60Hz, Max 60W ta:40°C, Class I, IP54
Standard:	AS/NZS 60598.2.1:2014 AS/NZS 60598.1:2013
Conditions:	Nil
Certification Mark:	SAA150633 or RCM
Date First Registered:	28 April 2015
Date of Expiry:	28 April 2020


For and on Behalf of
SAA Approvals Pty Ltd



www.jas-anz.org/register



Issued: 28-04-15 150633/1

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:
www.saaapprovals.com.au

Shenzhen BCTC Technology Co.,Ltd.
A.Floor 3, 44 Building, Tanglang Industrial Park B,
Taoyuan Street, Nanshan District, Shenzhen, China



Certificate of Compliance

Certificate Number: BCTC-150302544

Applicant : Shenzhen COMLED Electronic Technology Co.,Ltd
9E, XinBaoyi Building, Houting Village, Shajing Town, Baoan District,
Shenzhen City, Guangdong Province, China 518104

Manufacturer : Shenzhen COMLED Electronic Technology Co.,Ltd
9E, XinBaoyi Building, Houting Village, Shajing Town, Baoan District,
Shenzhen City, Guangdong Province, China 518104

Product : led waterproof batten lighting

Trademark : COMLED

M/N : ZL-WPLP60-SMD-5FT
ZL-WPLP28-SMD-5FT, ZL-WPLP40-SMD-4FT, ZL-WPLP20-SMD-4FT,
ZL-WPLP20-SMD-2FT, ZL-WPLP10-SMD-2FT.

Test Standard : AS/NZS CISPR 15:2011

HEREBY CERTIFY THAT:

The measurements shown in this test report were made in accordance with the procedures given in AS/NZS CISPR 15: 2011. The energy emitted by this equipment was passed both radiated and conducted emissions limits.

It is only valid in connection with the test report number: BCTC-150302544.



This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives have to be observed.

Tel: 400-788-9558 0755-33019988 [Http://www.bctc-lab.com](http://www.bctc-lab.com) [Http://www.btc-lab.com](http://www.btc-lab.com)



Certificate of Compliance

EMC DIRECTIVE 2004/108/EC

Certificate Number:	TMC150319001-EC-I-01
Applicant:	Shenzhen COMLED Electronic Technology Co.,Ltd
Address of Applicant:	9E,XinBaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Manufacturer:	Shenzhen COMLED Electronic Technology Co.,Ltd
Address of Manufacturer:	9E,XinBaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Product Name:	led waterproof batten lighting
Trade Name:	COMLED
Rated Specification:	AC85-265V, 50-60Hz, MAX 0.7A
Model Number:	ZL-WPLP60-SMD-5FT, ZL-WPLP28-SMD-5FT, ZL-WPLP40-SMD-4FT, ZL-WPLP20-SMD-4FT, ZL-WPLP20-SMD-2FT, ZL-WPLP10-SMD-2FT

Sufficient samples of the product have been tested and found to be conformity with

Test Standard:	EN 55015:2013	EN 61547-2009
	EN 61000-3-2:2014	EN 61000-3-3:2013

As Shown in the

Test Report Number: TMC150319001-ER-I-01

Conclusion

This Certification of EMC Compliance has been granted to applicant based on the results of tests, performed by Laboratory of TMC International Inspection & Certification Group LTD on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the EMC Directive (2004/108/EC). It is possible to use CE marking to demonstrate the compliance with this Directive.





Issued date:
March 19, 2015

Authorized by
Lemon
Director of Certification

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report above mentioned. Copyright of this certification is owned by TMC and may not be reproduced other than in full and with the prior approval of the General Manager.

TMC International Inspection & Certification Group LTD
D103, Tianhui Building, Yousong Road, Longhua District, Shenzhen,
Guangdong, P.R. China

Tel:86-755-86642861 Fax:86-755-86642996
E-mail: cert@tmc-lab.com www.tmc-lab.com





Certificate of Compliance

LVD DIRECTIVE 2006/95/EC

Certificate Number:	TMC150319002-SC-I-01
Applicant:	Shenzhen COMLED Electronic Technology Co.,Ltd
Address of Applicant:	9E,XinBaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Manufacturer:	Shenzhen COMLED Electronic Technology Co.,Ltd
Address of Manufacturer:	9E,XinBaoyi Building, Houting Village, Shajing Town, Baoan District, Shenzhen City, Guangdong Province, China 518104
Product Name:	led waterproof batten lighting
Trade Name:	COMLED
Rated Specification:	AC85-265V, 50-60Hz, MAX 0.7A
Model Number:	ZL-WPLP60-SMD-5FT, ZL-WPLP28-SMD-5FT, ZL-WPLP40-SMD-4FT, ZL-WPLP20-SMD-4FT, ZL-WPLP20-SMD-2FT, ZL-WPLP10-SMD-2FT

Sufficient samples of the product have been tested and found to be conformity with

Test Standard:	EN 60598-2-1:1989 EN60598-1: 2008+A11:2009
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As Shown in the

Test Report Number:	TMC150319002-SR-I-01
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Conclusion

This Certification of LVD Compliance has been granted to applicant based on the results of tests, performed by Laboratory of TMC International Inspection & Certification Group on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the LVD Directive(2006/95/EC). It is possible to use CE marking to demonstrate the compliance with this Directive.

Authorized by
Lemon
Director of Certification

CE



Issued date:
March 19, 2015

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TMC International Inspection & Certification Group LTD
D103, Tianhui Building, Yousong Road, Longhua District, Shenzhen,
Guangdong, P.R. China
Tel:86-755-86642881 Fax:86-755-86642996
E-mail: cert@tmc-lab.com www.tmc-lab.com





Packing Specification

600mm 18-20w

Unit box:720*130* 90 mm

Carton:740 * 430* 300 mm

Gross Weight: 14.5 kg

Net Weight: 10.8kg

Quantity: 9 pcs/carton

1200mm 36-40w

Unit box:1320*130* 90 mm

Carton:1340* 430* 300 mm

Gross Weight: 23 kg

Net Weight: 17.5kg

Quantity: 9 pcs/carton

1500mm 40-44w

Unit box:1620*130* 90 mm

Carton:1640 * 430* 300 mm

Gross Weight: 27.5 kg

Net Weight: 21 kg

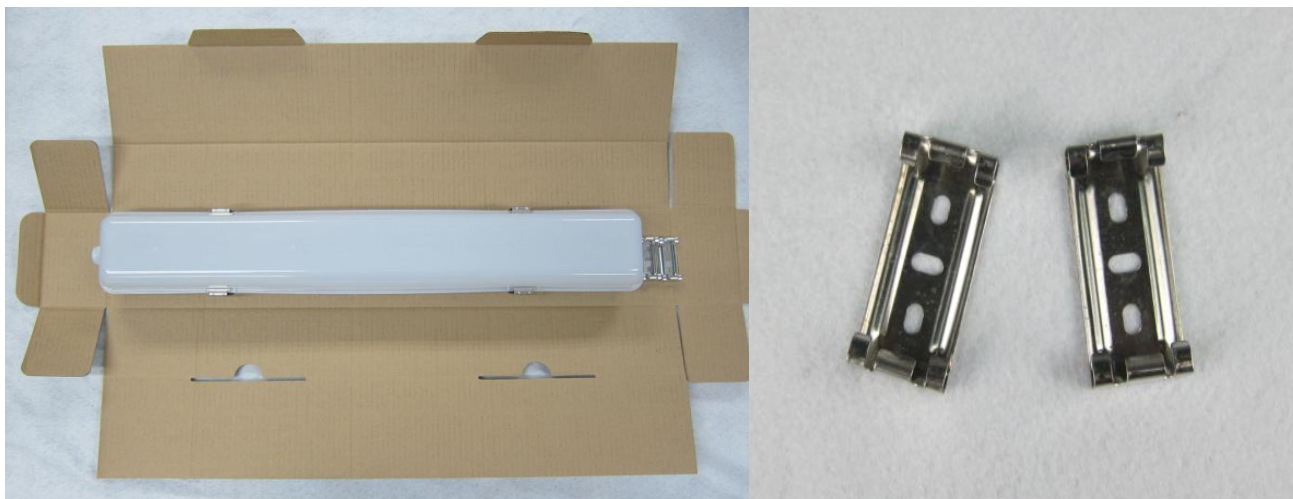
Quantity: 9 pcs/carton



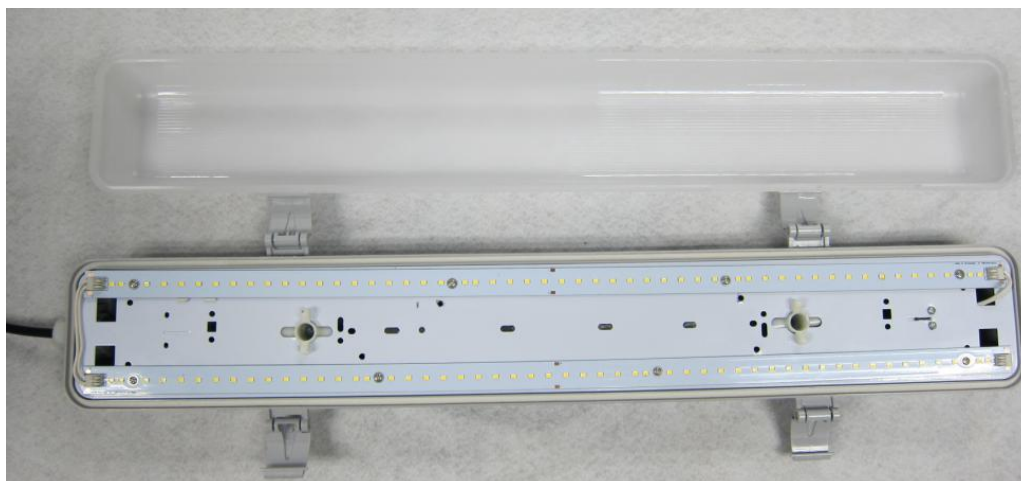
Installation



1. Open the package; take out the accessory metal buckle.



2. Check the fixture and make sure the cover clips fixed well, if necessary, open the cover and check inside.



3. Tack two plastic studs on the ceiling/wall and Put the metal buckle on the wall with a screw



4. Install the fixture on the wall with buckles.



5. Connect the wires with main power

a) Connect the lead and AU plug to main power surface socket.

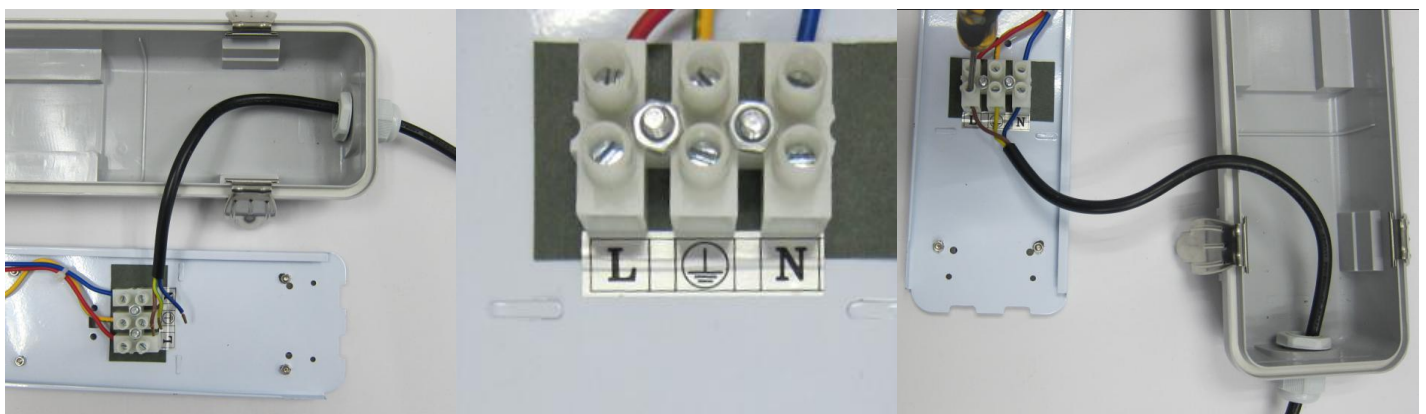


b) Open the cover and let main power wires go through the Gland and connect wires to inside terminal block as follows.

Connect main power live line (L-brown) to “L”, **L--L**;

Connect main power Earth (L-Yellow&Green) to “Earth”, **Earth--Earth**;

Connect main power neutral line(N-blue) to “N”, **N--N**.



6. Turn on the AC power and switch on .



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 minus -20 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. 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.**