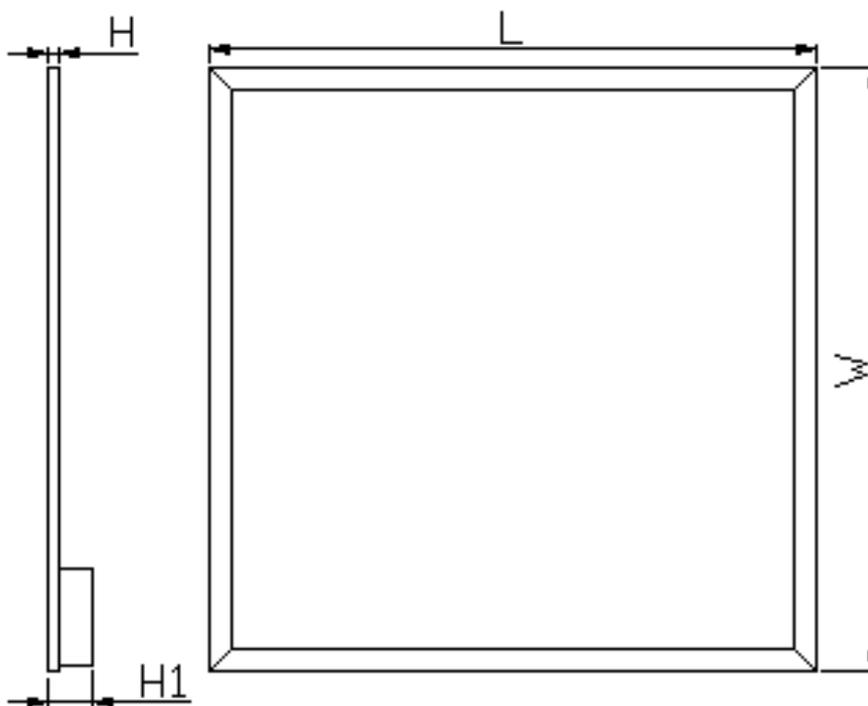
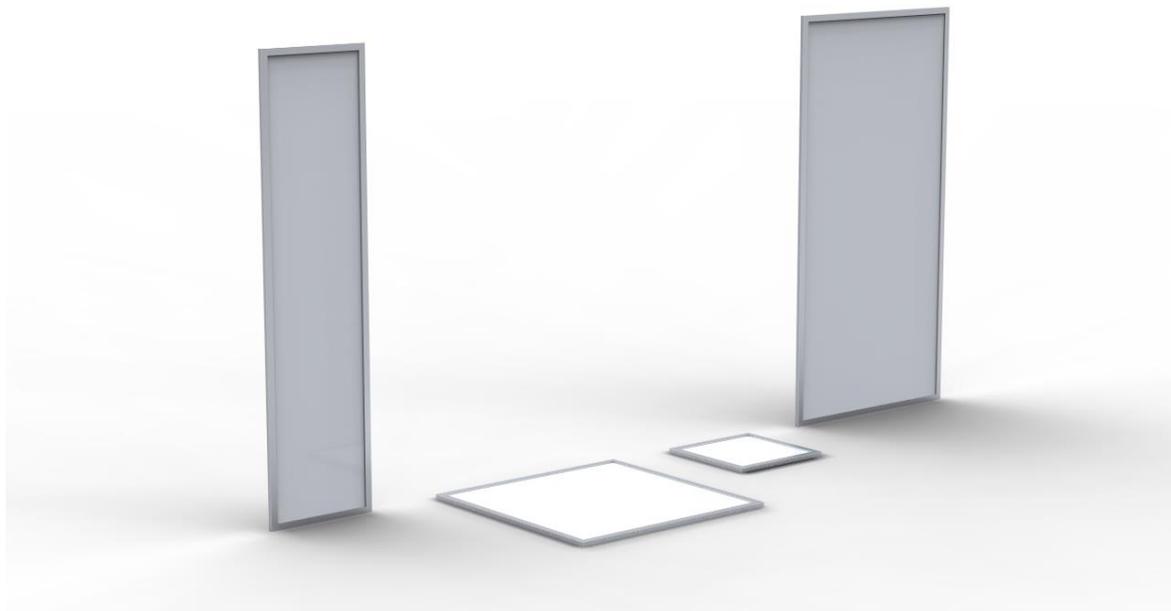


1. Pictures and size



L=603 W=603 H=11 H1=43

2.Features of the product

- 1) Energy-saving: Big power LED source is adopted, saving energy 80% than the incandescent light.
- 2) Environmental protection: No hazardous substances such as mercury and lead etc. No environmental pollution, infrared ray and ultraviolet ray, and avoid the injury to human body. It is the green lighting.
- 3) Long-lifespan: more than 50,000 hours.
- 4)The lamp's panel and heat-sink device is fixed as a whole, so that the product is more solid and reliable and ensure the long lifespan.
- 5) Input voltage is AC100-277V, making more convenient of the installation and usage.
- 6) Using the DC constant current to drive, no flicker.
- 7) Reflector:milk color PMMA.
- 8)Beam angle: 160 Degree
- 9) Direct light with good lighting directivity,and higher luminous efficiency than traditional lighting.
- 10) The main body employs aluminum material (AL6063) which has the good thermal conductivity to squeeze to be a special cooling fin. The LED contact surface adopts red copper with electric coat to conduct heat.
- 11) Control type: 1-10V dimming device has two independent circuit, a common voltage circuit for switching on or off to the illumination device power, another is low voltage circuit, it provides reference voltage, told lighting dimming equipment level. 1-10V is adjusted optical power supply in use dimming the life of the light source cannot be produced any effect. And stable light source, no stroboscopic, dimming can achieve energy-saving maximization.

3. Application

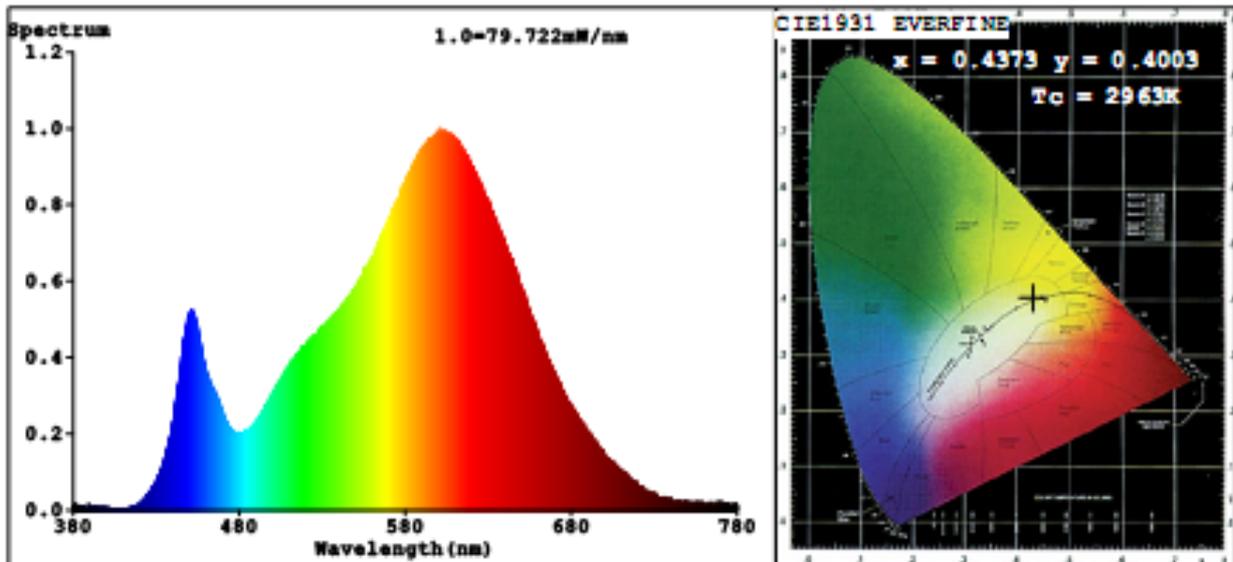
This product could be used in supermarket, parking, workshop, toll-gate, gasoline station, exhibition hall, municipal engineering and other lighting area.

4. Technical parameters

Consumed power	40W
Input voltage	AC 100-277V, 50/60Hz
PF	≥ 0.95
Luminence efficiency	100-110 LM/W
Lumen	4000-4200lm
CRI	Ra ≥ 80
CCT	3000K-5000K
LED type	SMD4014
LED QTY	216 PCS
lm/W/LED	26-28LM/W
Beam angle	160°
Uniformity ratio of illuminance	>0.8
IP grading	IP40
Temperature of the working environment	-40°C~50°C
Temperature of the storage environment	-40°C~50°C (30°C Best)
Certificates	CE、RoHS、UL
Lifespan	50000hours

5. Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4373$ $y=0.4003$ $u'=0.2524$ $v'=0.5199$
 Tc=2963K Dominant WL:Ld =583.5nm Purity=51.4%
 Red Ratio:R=24.9% Peak WL:Lp=601.4nm HWL:Lhd=122.1nm
 Render Index:Ra=82.0
 R1 =81 R2 =92 R3 =95 R4 =79 R5 =81 R6 =90 R7 =81
 R8 =57 R9 =5 R10=81 R11=78 R12=73 R13=83 R14=98 R15=73

Photo Parameters:

Flux = 4145.4 lm Eff. : 101.38 lm/W Fe = 12.56 W

Electrical parameters:

V = 220.2 V I = 0.18977 A P = 40.89 W PF = 0.9785

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 216 ms Ip = 49398 (75%)

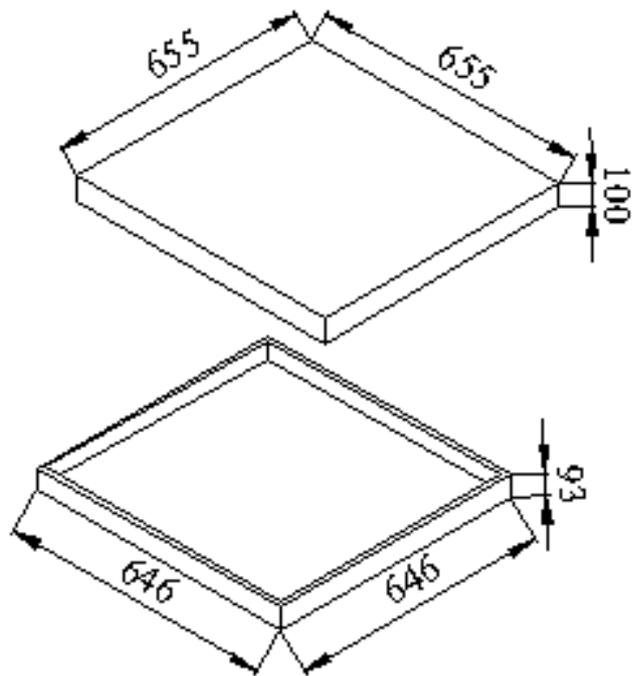
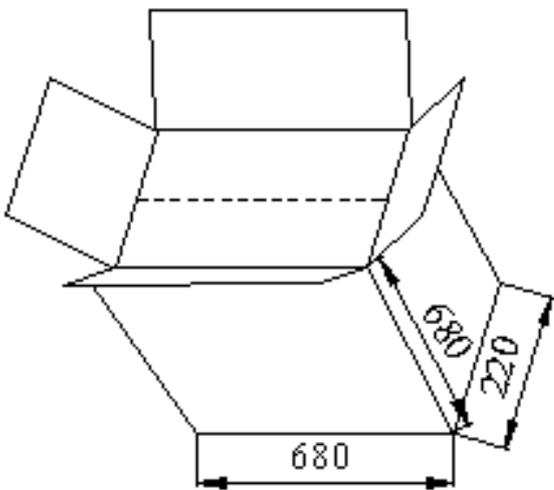
Model:
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:EVERFINE

Number:0003
 Date:2016-05-21
 Humidity:65.0%
 Remarks:---

6.Package

Item	Inner box	Outer Carton
Qty	1/2	1/4
Size	L655x W100 x H655MM	L680x W220 x H680MM
NW	6.6kg	13.2kg
GW	8.5kg	18kg

- 1). all dimension units are millimeter
- 2). 2pcs product in one inner box
- 3). 2pcs inner box in one carton

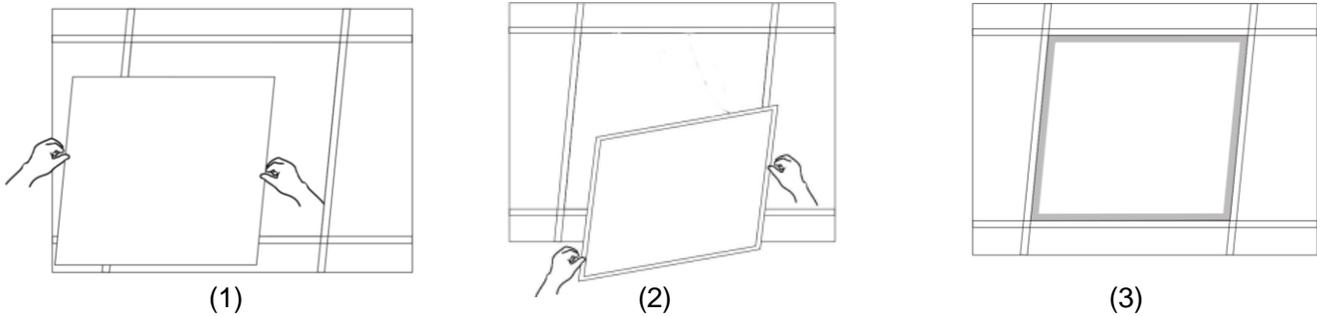


7. Announcements

- 1). All the test data is gained under the condition of specified input voltage and rated output, and that the temperature of working environment is 25°C, the humidity is less than 85%.
- 2). The product couldn't be waterproof, so please use it indoor.
- 3). Inspect if the voltage and current is qualified. Pls do not dismantle the product without authorization.
- 4). 5 years warranty

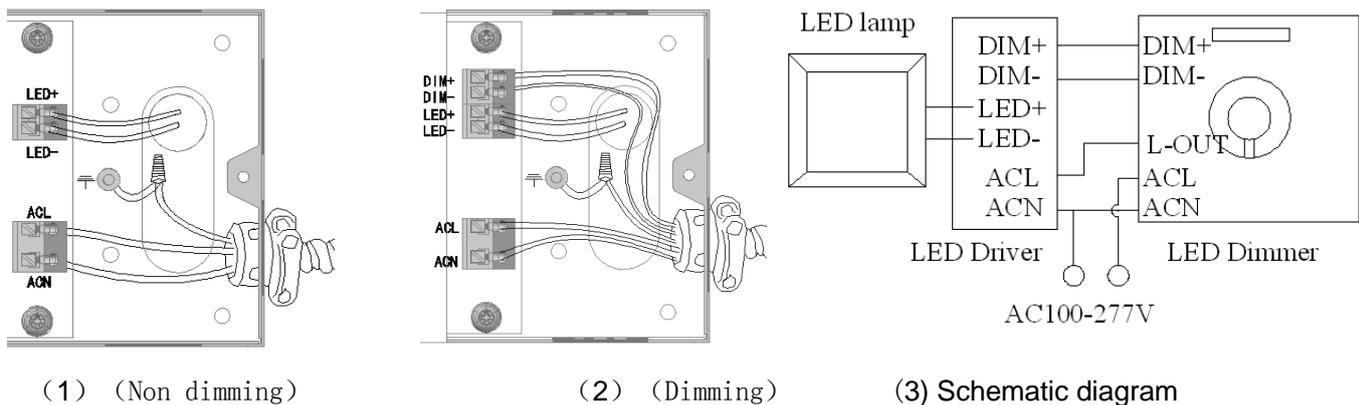
8. Installation Instructions

A) schematic diagram for embedded installation



- 1). move away ceiling plaster slab, ceiling's diagonal and then wiring
- 2). put through the panel light along then arrange the wire
- 3). fix the panel light to suitable place

B) install instruction



(1) Install method of non dimming method:

- A). turn off the power switch
- B) Remove the knockout and attach the conduit fitting.
- C) Wire connection:
 - Push hot wire to ACL hole of input terminal.
 - Push neutral wire to ACN hole of input terminal.
 - Connect G-G wire. **Reference figure (1)**
 (Input wire shall be 18AWG min..)
- D) Close the front cover

(2) Install method of dimming method:

- A) Refer to Install method of non dimming method.
- B) Connect dimming wire:
 - Push dimming wire to dimming hole of output terminal.
 - Connect DIM+ to DIM+, DIM- to DIM-. (Dimming wire shall be 24AWG, 300V, 80° C min..)**Reference figure (2) or (3)**

Warning

- *Please disconnect the power supply before installing and maintaining the lighting.
- *installation and maintenance of lamps and lanterns must be operated by professional and technical personnel, non professional personnel do not remove the lamps.
- * lighting must be installed in a suitable environment, working in harsh environments may shorten the life and even damage the lamps.

ACES LED reserved the right of changing this datasheet 2016 V1