

# 8" LED Panel Light

DL-014-AW-01W  
DL-014-AW-01WW  
DL-014-AW-01NW

## Features

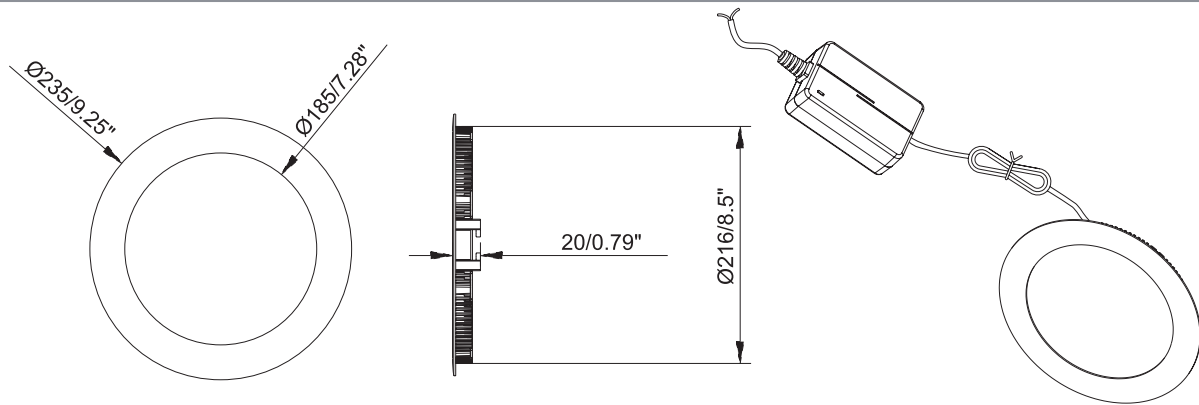
- ❖ Color: cool white, warm white, other available.
- ❖ Color temperature: cool white: 5700-7000K, nature white: 4000-5000K, warm white: 2700-3300K
- ❖ Enclosure material: Die-casting
- ❖ Power factor > 0.95
- ❖ Beam angle: 105 Degree
- ❖ Saving energy: 50%
- ❖ Long lifespan: 40,000Hrs
- ❖ IP code: IP43
- ❖ Gross weight: 660g
- ❖ Working voltage: 100-240Vac/50-60Hz
- ❖ LED Source: 3528 SMD LED, 138PCS.
- ❖ Reflector: milk color PMMA
- ❖ No UV, no IR
- ❖ Standard warranty: 3 years
- ❖ Safety standard: RoHS, CE, UL pending



## Applications

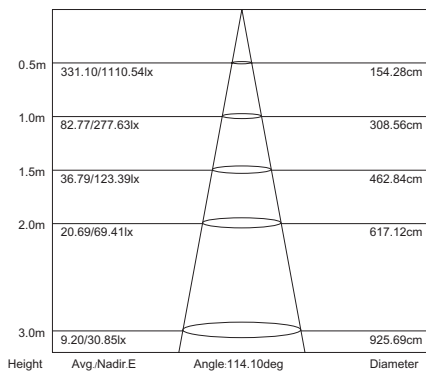
LED panel light can be widely used in the hotel, restaurant, supermarket, school, office, factory, fields or open spaces and the other architecture.





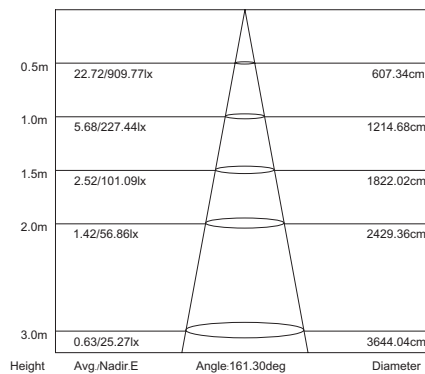
## Specifications

Average Illuminance Figure



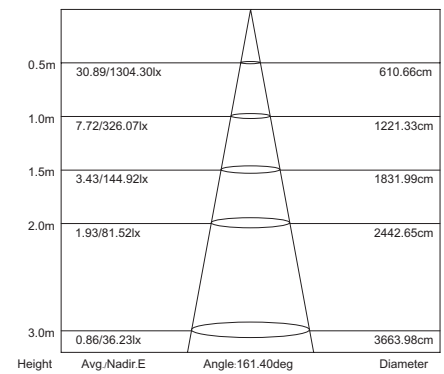
DL-014-AW-01W

Average Illuminance Figure



DL-014-AW-01WW

Average Illuminance Figure



DL-014-AW-01NW

Model #	Color	LED Type	CCT	Rated Power Consumption	CRI	Luminous Flux	Working Voltage	Beam Angle	Weight
DL-014-AW-01W	Cool White	SMD 3528	5778K	14W	70	1042 lm	100-240Vac	105°	660g
DL-014-AW-01WW	Warm White	SMD 3528	2885K	14W	76	816 lm	100-240Vac	105°	
DL-014-AW-01NW	Nature White	SMD 3528	3751K	14W	71	1037 lm	100-240Vac	105°	

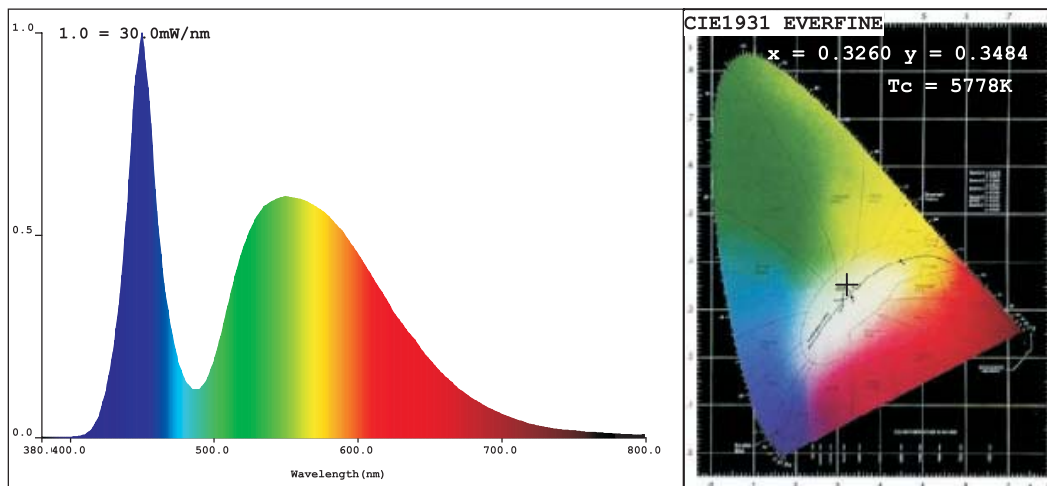
## Absolute Maximum Rating

Parameter	Rating	Units
Aluminum Heat sink Temperature	70	° C
Operating Temperature	-20~+40	° C
Storage Temperature	-20~+80	° C
Equilibrium Temperature	58	° C

# DL-014-AW-01W

## Spectrophotometer Test Report

### Light Source Test Report



#### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3260$   $y=0.3484$   $u'=0.1997$   $v'=0.4803$  ( $duv=6.61$ )

CCT:  $T_c = 5778K$   $P_{cp}$  WaveL:  $\lambda_d=522.1nm$  Purity=3.0%

Peak WaveL:  $\lambda_p=450nm$  Half Width:  $\Delta\lambda_p=23.4nm$  Ratio: R=12.5% G=84.0% B=3.5%

Average Wave: 548nm

Rendering Index:  $R_a=70.6$

R1 =67 R2 =75 R3 =79 R4 =71 R5 =68 R6 =65 R7 =82 R8 =58

R9 =0 R10=38 R11=66 R12=37 R13=68 R14=88 R15=63

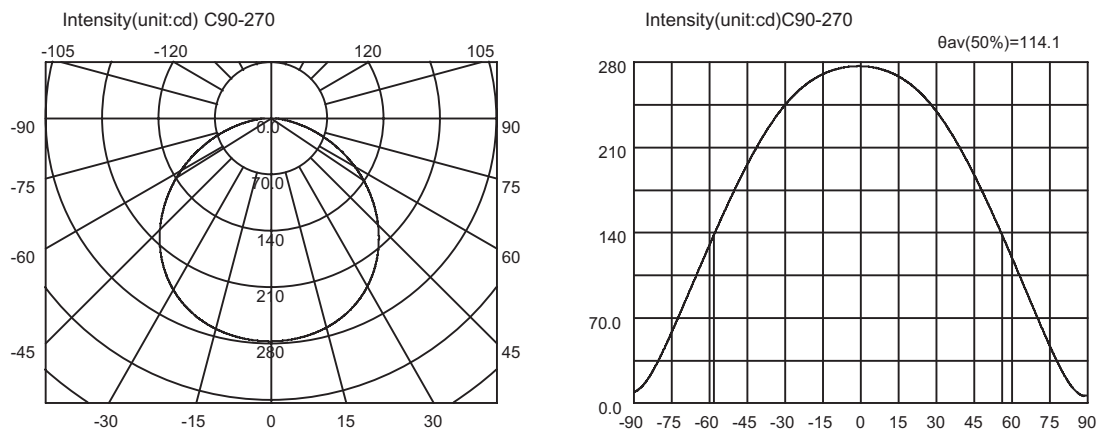
#### Photo Parameters:

Flux:  $\Phi=1042.2(lm)$  Luminous Efficacy: 74.42(lm/W) Luminous Power:  $P=3.137(W)$

#### Electrical Parameters:

U=220.4V I=0.0672A P=14.00W PF=0.946

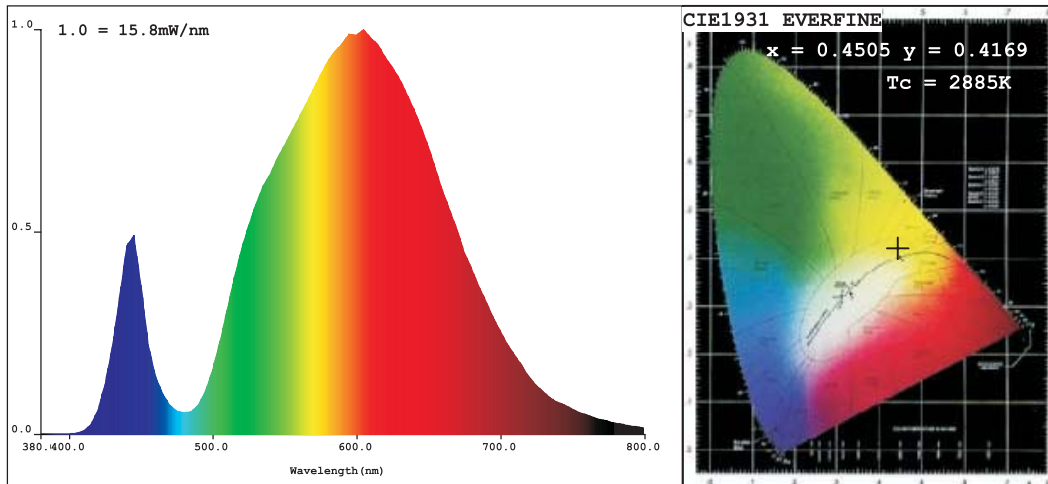
## GONIOPHOTOMETER Test Report



# DL-014-AW-01WW

## Spectrophotometer Test Report

### Light Source Test Report



#### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4505$   $y=0.4169$   $u'=0.2538$   $v'=0.5283$  ( $duv=3.26$ )

CCT:  $T_c = 2885K$  Prcp WaveL:  $\lambda_d = 582.3nm$  Purity=60.4%

Peak WaveL:  $\lambda_p = 605nm$  Half Width:  $\Delta\lambda_p = 147.1nm$  Ratio: R=22.6% G=76.3% B=1.1%

Average Wave: 597nm

Rendering Index:  $R_a = 75.6$

R1 =74 R2 =81 R3 =86 R4 =76 R5 =71 R6 =72 R7 =84 R8 =61

R9 =5 R10=54 R11=71 R12=45 R13=74 R14=91 R15=69

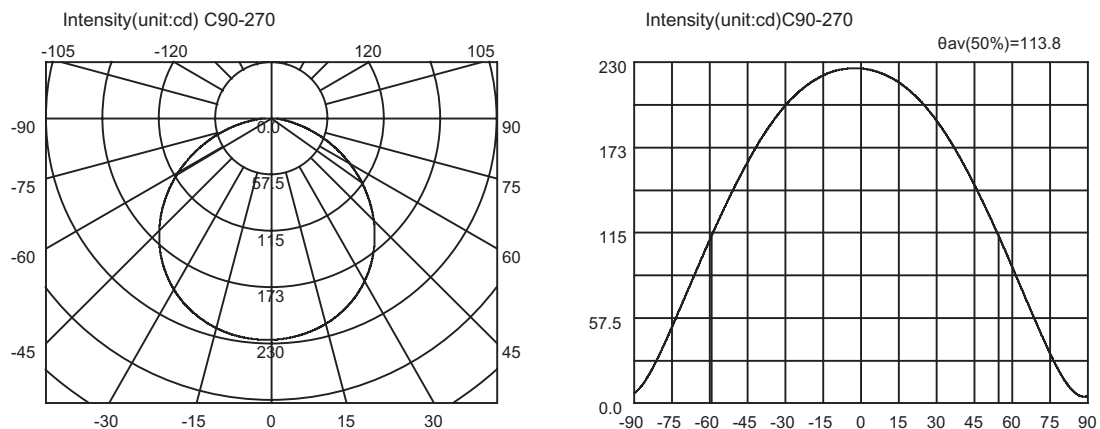
#### Photo Parameters:

Flux:  $\Phi = 816.01(lm)$  Luminous Efficacy: 59.00(lm/W) Luminous Power:  $P = 2.537(W)$

#### Electrical Parameters:

U=220.7V I=0.0646A P=13.82W PF=0.970

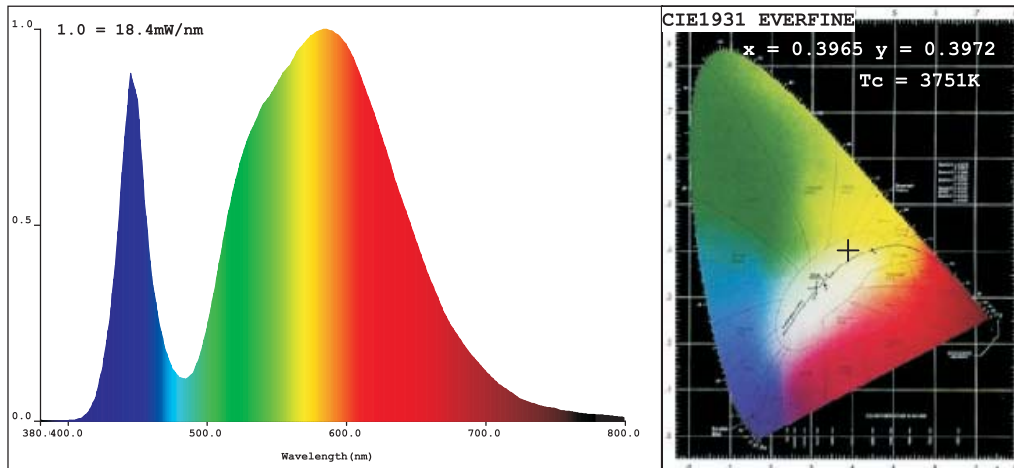
## GONIOPHOTOMETER Test Report



# DL-014-AW-01NW

## Spectrophotometer Test Report

### Light Source Test Report



#### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3965$   $y=0.3972$   $u'=0.2274$   $v'=0.5126$  ( $duv=4.94$ )

CCT:  $T_c = 3751K$   $P_{rnp}$  WaveL:  $\lambda_d = 577.9nm$  Purity=38.2%

Peak WaveL:  $\lambda_p = 585nm$  Half Width:  $\Delta\lambda_p = 132.7nm$  Ratio: R=17.3% G=80.7% B=1.9%

Average Wave: 574nm

Rendering Index:  $R_a = 71.1$

R1 =68 R2 =77 R3 =84 R4 =71 R5 =67 R6 =67 R7 =82 R8 =53

R9 =0 R10=45 R11=66 R12=38 R13=69 R14=91 R15=62

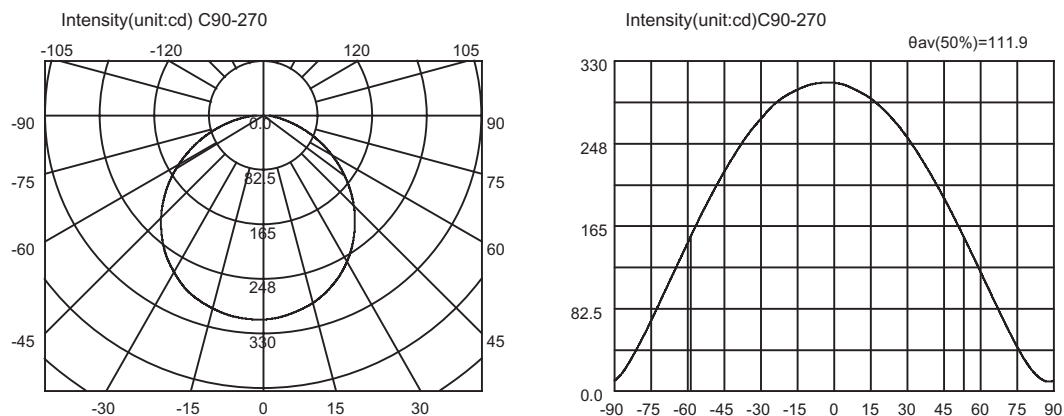
#### Photo Parameters:

Flux:  $\Phi = 1037.4(lm)$  Luminous Efficacy: 73.20(lm/W) Luminous Power:  $P = 2.945(W)$

#### Electrical Parameters:

$U = 220.8V$   $I = 0.0661A$   $P = 14.17W$  PF=0.970

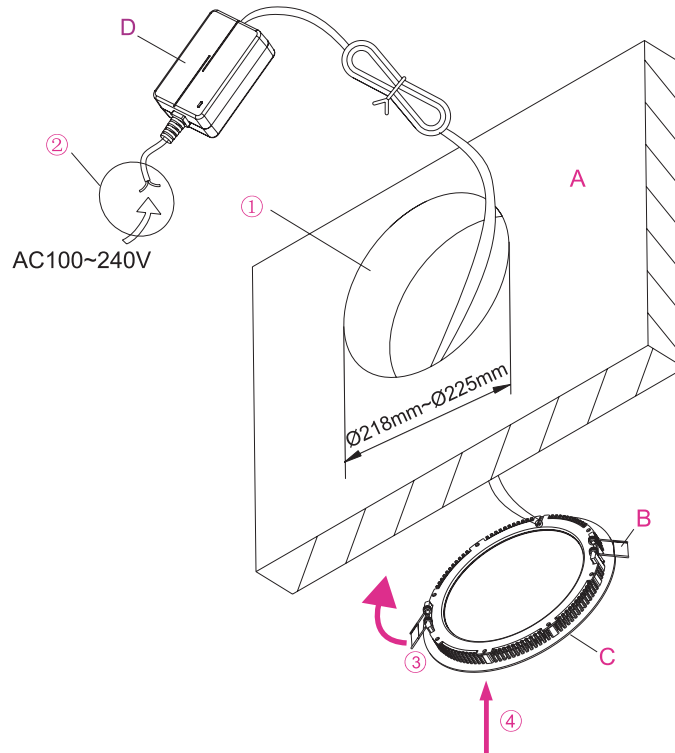
## GONIOPHOTOMETER Test Report



## Installation drawing

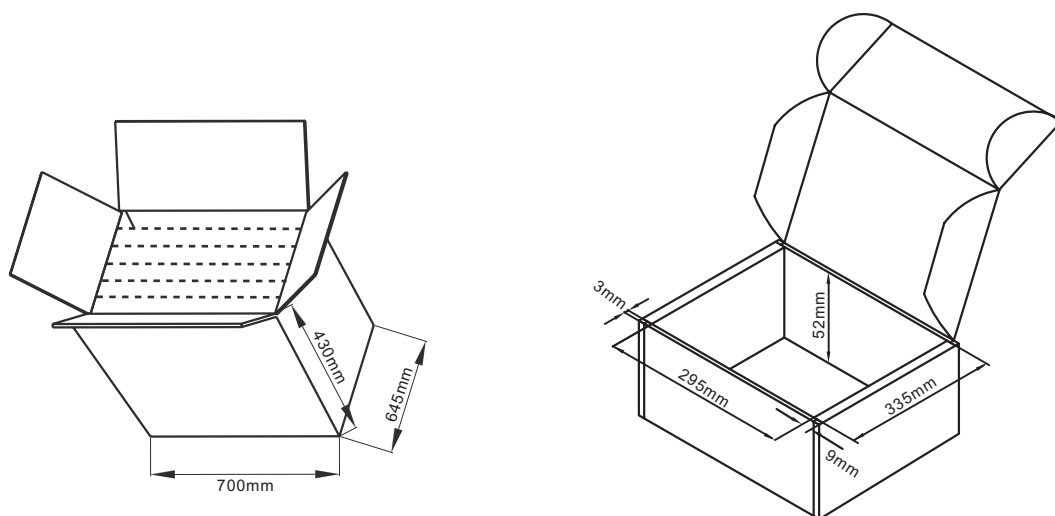
①	make a hole
②	connect the power wire
③	push spring
④	put the lamp into the hole

A	Wall
B	Spring
C	LED lamp
D	Driver



## Packing Specification

1. All dimension units are millimeter.
2. 28 pcs inner box in one carton.



## Signcomplex Limited Warranty

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Signcomplex warrants this product ("Product") against defects in material or workmanship for a period of three years from the date of purchase. If this Product is determined to be defective, Signcomplex will repair or replace the Product, at its option. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone than a facility authorized by Signcomplex to service the Product.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. Signcomplex shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this Product except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on this Product is limited in duration to the duration of this limited warranty.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Only Signcomplex may change, amend or modify the terms of this Limited Warranty and any such change, amendment or modification shall be in writing and is signed by Signcomplex. To obtain warranty service and shipping information call +86 755 2760 8650 or e-mail [info@signcomplex.com](mailto:info@signcomplex.com). You must provide proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the Product is within the warranty period to obtain warranty service. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties provision outlined in this document.