

# LED Downlight

DLD6-025



## Features:

1. Professionally treated die-casting a-alloy housing.
2. Panel made of acrylic with super light transmission.
3. Exquisite appearance, visual appealing.
4. Easy heat dissipation secured long life of LED.
5. The separate design of power supply and the main body, further prolonged their lifespan.
6. High efficiency and energy saving LED driver.
7. An ideal replacement of the traditional canister light.

## Technical Parameter:

Voltage:100-240V AC,50/60Hz

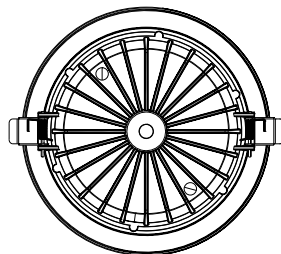
Power:25W

Led Q'ty:48

PF:>0.9

Weight:0.64kg

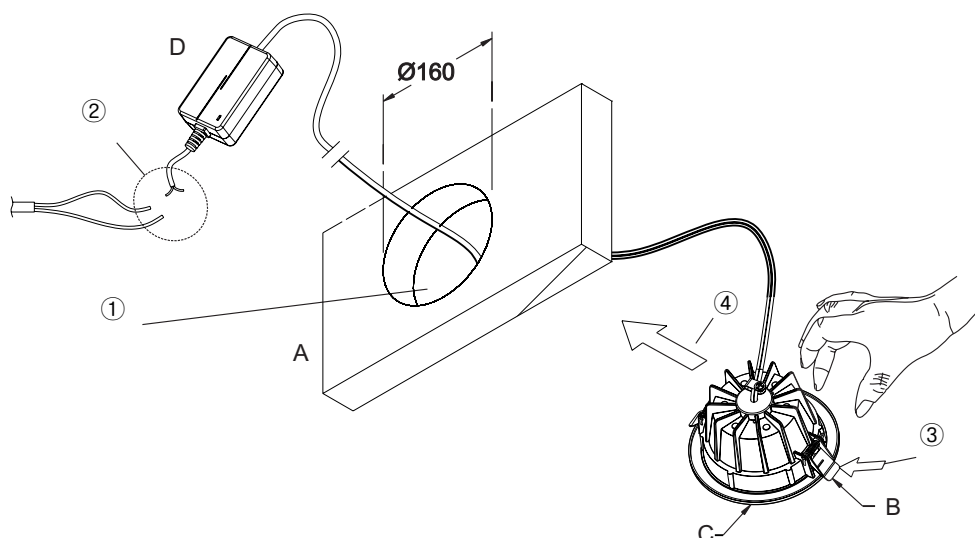
## Dimenions(unit:mm/inch):



## Specification:

Model Number	Color	LED Type	Light Output (lm)	CCT	Beam angle	Power Consumption	Voltage	PF
DLD6-025-AW-W	White	5730 SMD	2057	5000-7000K	88°	25W	100-240V AC 50/60Hz	>0.9
DLD6-025-AW-WW	Warm white	5730 SMD	1752	2700-3500K	88°	25W	100-240V AC 50/60Hz	>0.9
DLD6-025-AW-NW	Natural White	5730 SMD	1955	4000-5000K	88°	25W	100-240V AC 50/60Hz	>0.9

## Installation drawing

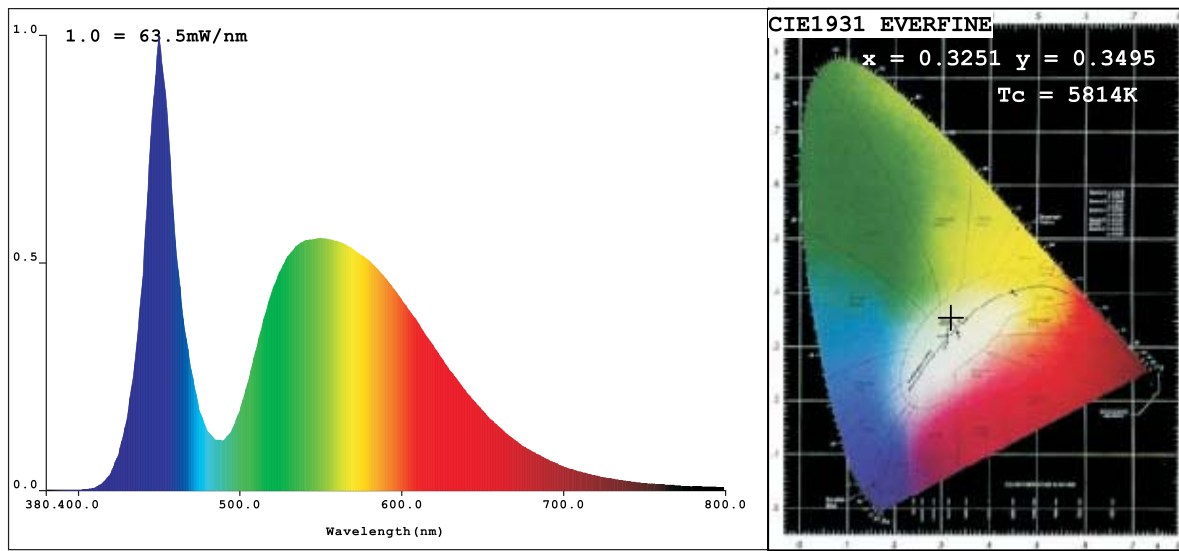


A	Wall
B	Spring
C	LEDlamp
D	Driver

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

DLD6-025-AW-W

## Light Source Test Report



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3251$   $y=0.3495$  /  $u'=0.1987$   $v'=0.4807$  ( $duv=7.52$ )

CCT:  $T_c = 5814K$  Prcp WaveL:  $\lambda_d = 520.6nm$  Purity=3.2%

Peak WaveL:  $\lambda_p = 450nm$  Half Width:  $\Delta\lambda_p = 20.9nm$  Ratio: R=12.4% G=84.0% B=3.6%

Average Wave: 548nm

Rendering Index:  $R_a = 70.8$

R1 =67 R2 =75 R3 =79 R4 =71 R5 =68 R6 =66 R7 =83 R8 =58

R9 =0 R10=39 R11=66 R12=35 R13=68 R14=88 R15=62

### Photo Parameters:

Flux:  $\Phi = 2056.7(lm)$  Luminous Efficacy: 84.17(lm/W) Luminous Power:  $P = 6.166(W)$

### Electrical Parameters:

U=222.4V I=0.1148A P=24.43W PF=0.957

### Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

$I_p = 38044 (G=3, D=48)$

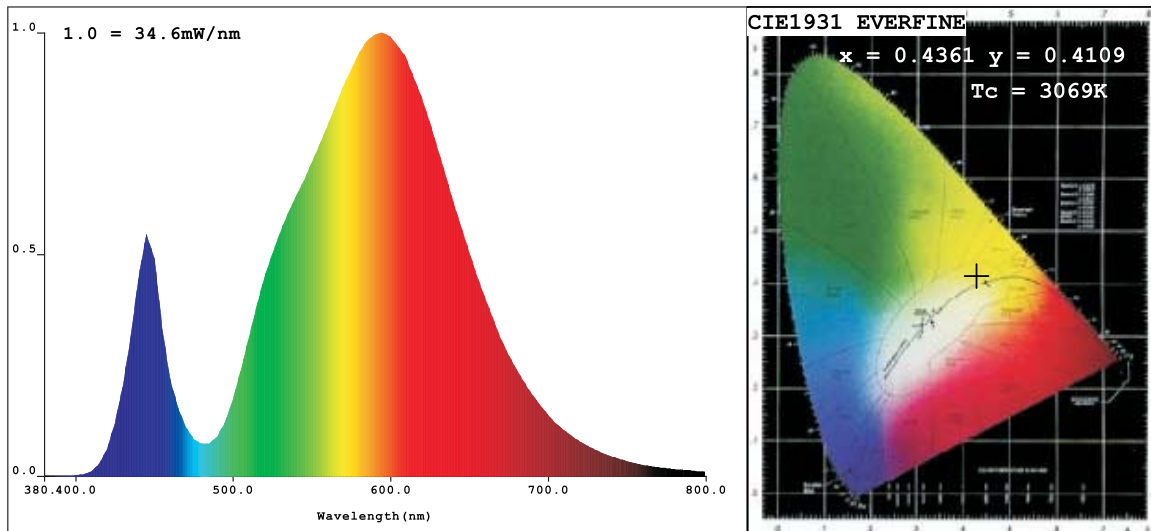
REF = 40638

TMP(PMT) = 28.1(deg.celsius)

Test Mode: Fast Test

DLD6-025-AW-WW

## Light Source Test Report



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4361$   $y=0.4109$   $u'=0.2472$   $v'=0.5239$  ( $duv=2.80$ )

CCT:  $T_c=3069K$   $P_{rcp}$  WaveL:  $\lambda_d=581.6nm$  Purity=54.2%

Peak WaveL:  $\lambda_p=595nm$  Half Width:  $\Delta\lambda_p=125.7nm$  Ratio: R=20.7% G=77.9% B=1.4%

Average Wave: 586nm

Rendering Index:  $R_a=71.2$

R1 =68 R2 =79 R3 =89 R4 =69 R5 =66 R6 =70 R7 =80 R8 =48

R9 =0 R10=51 R11=64 R12=42 R13=69 R14=93 R15=61

### Photo Parameters:

Flux:  $\Phi=1751.6(lm)$  Luminous Efficacy: 70.40 (lm/W) Luminous Power:  $P=5.010(W)$

### Electrical Parameters:

U=222.5V I=0.1162A P=24.87W PF=0.962

### Instrument Status:

Scan Range: 380.0nm-800.0nm

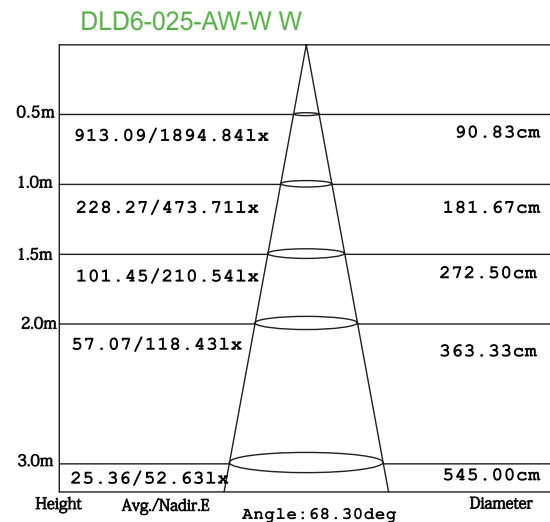
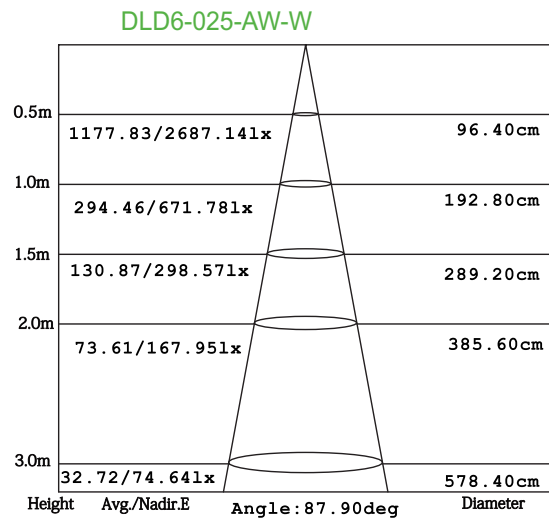
Interval: 5.0nm

$I_p = 44261 (G=4, D=49)$

REF = 34547

TMP (PMT) = 27.5 (deg.celsius)

Test Mode: Fast Test



## Signcomplex Limited Warranty

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.

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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.

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