

LED Downlight

DLD7-030



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

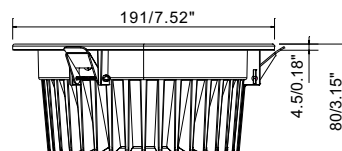
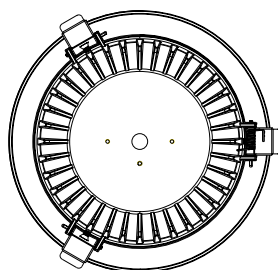
Power:30W

Led Q'ty:54

PF:>0.9

Weight:0.87kg

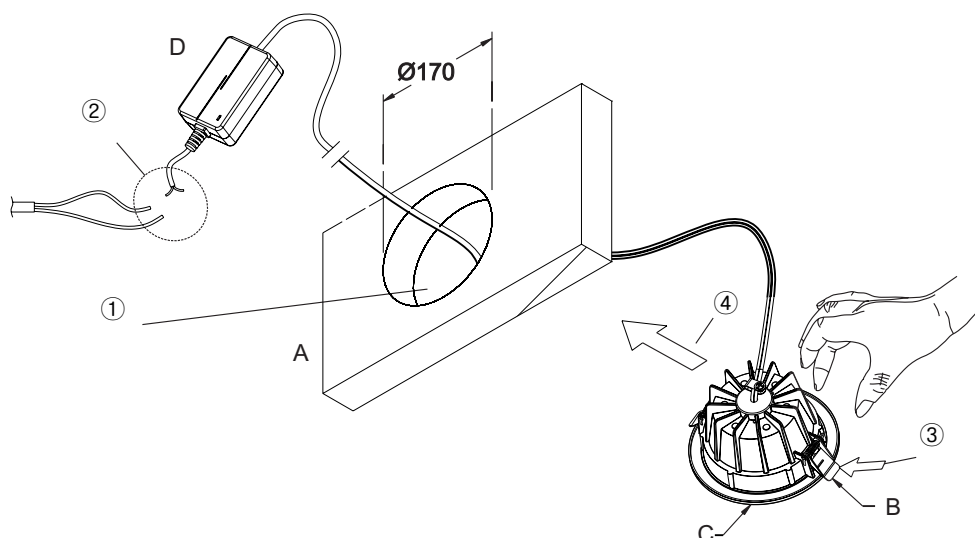
Dimenions(unit:mm/inch):



Specification:

Model Number	Color	LED Type	Light Output (lm)	CCT	Beam angle	Power Consumption	Voltage	PF
DLD7-030-AW-W	White	5730 SMD	2374	5000-7000K	82°	30W	100-240V AC 50/60Hz	>0.9
DLD7-030-AW-WW	Warm white	5730 SMD	2122	2700-3500K	82°	30W	100-240V AC 50/60Hz	>0.9
DLD7-030-AW-NW	Natural White	5730 SMD	2255	4000-5000K	82°	30W	100-240V AC 50/60Hz	>0.9

Installation drawing

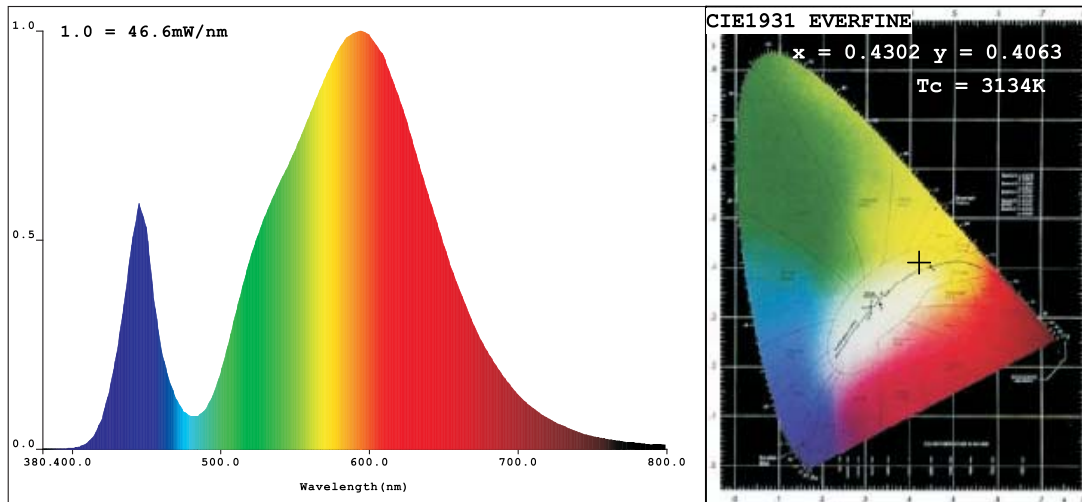


A	Wall
B	Spring
C	LEDlamp
D	Driver

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

DLD7-030-AW-W

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4302$ $y=0.4063$ / $u'=0.2453$ $v'=0.5213$ ($duv=1.87$)

CCT: $T_c = 3134K$ Prcp WaveL: $\lambda_d = 581.6nm$ Purity=51.1%

Peak WaveL: $\lambda_p = 595nm$ Half Width: $\Delta\lambda_p = 125.3nm$ Ratio: R=20.4% G=78.2% B=1.5%

Average Wave: 584nm

Rendering Index: $R_a = 71.2$

R1 =68 R2 =79 R3 =89 R4 =69 R5 =67 R6 =70 R7 =80 R8 =48

R9 =0 R10=51 R11=64 R12=43 R13=70 R14=93 R15=61

Photo Parameters:

Flux: $\Phi = 2374.3(lm)$ Luminous Efficacy: 76.87(lm/W) Luminous Power: $P = 6.796(W)$

Electrical Parameters:

U=222.7V I=0.1433A P=30.88W PF=0.968

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

Ip = 17946(G=3,D=48)

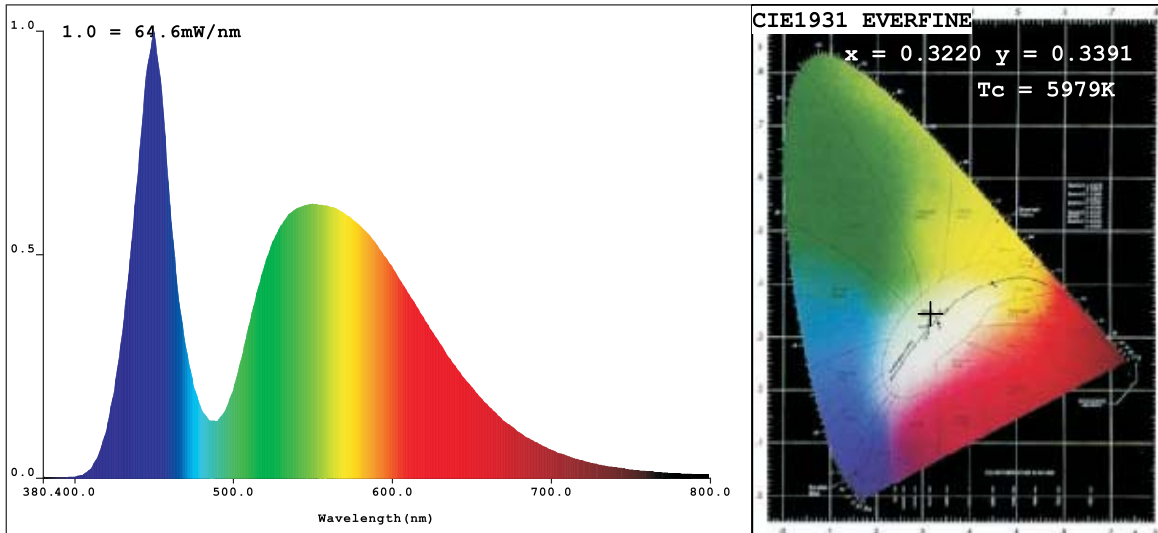
REF = 46799

TMP(PMT) = 28.1(deg.celsius)

Test Mode: Fast Test

DLD7-030-AW-WW

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3220$ $y=0.3391$ / $u'=0.2005$ $v'=0.4750$ ($duv=3.81$)

CCT: $T_c=5979K$ Prcp WaveL: $\lambda_d=498.4nm$ Purity=3.5%

Peak WaveL: $\lambda_p=450nm$ Half Width: $\Delta\lambda_p=27.6nm$ Ratio: R=12.6% G=83.7% B=3.7%

Average Wave: 546nm

Rendering Index: $R_a=71.8$

R1 =69 R2 =75 R3 =77 R4 =73 R5 =70 R6 =66 R7 =82 R8 =61

R9 =0 R10=39 R11=69 R12=41 R13=70 R14=87 R15=66

Photo Parameters:

Flux: $\Phi=2327.1(lm)$ Luminous Efficacy: 77.21(lm/W) Luminous Power: $P=7.211(W)$

Electrical Parameters:

U=220.1V I=0.1467A P=30.14W PF=0.933

Instrument Status:

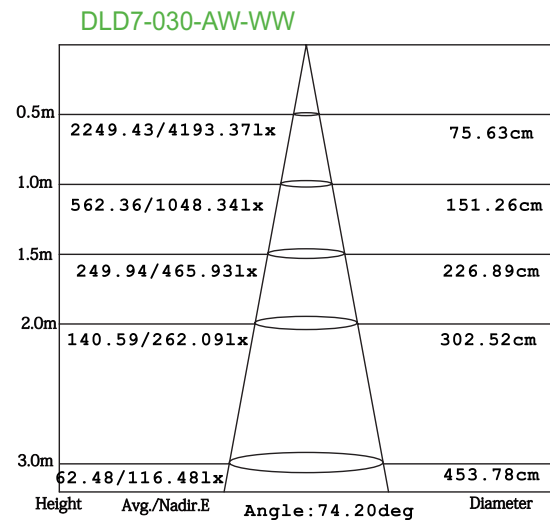
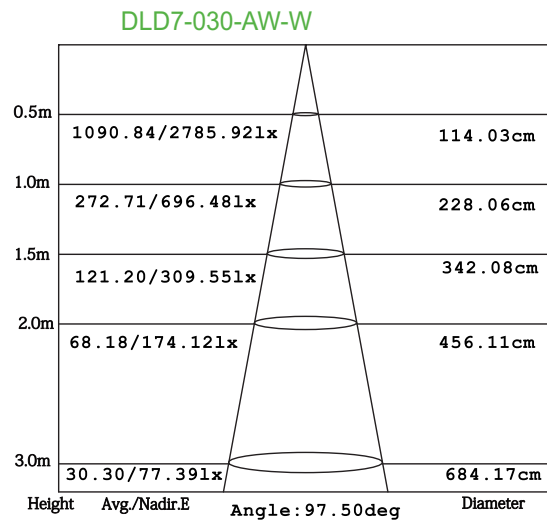
Scan Range: 380.0nm-800.0nm
REF = 51299

Interval: 5.0nm

TMP (PMT) = 23.2(deg.celsius)

$I_p = 45212 (G=3, D=48)$

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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