



LED DOWN LIGHT

D3

Series



Product Features

Thermal Conductive Plastic Coated
Aluminum Housing
V-0 Flame rating
Integrated design, built-in Driver
Class II Electrical protection
L70 - 30,000Hrs

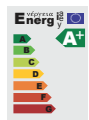
Application

Offices
Classrooms
Hall ways
Luxurious Hotels
Supermarkets

Advantages

80% Energy Saving
Environmentally Safe
Less Heat produced
Innovative ,
Easy installation and long Life

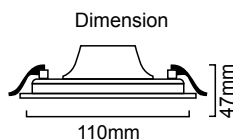
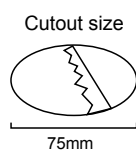
Energising Tomorrow





TECHNICAL DATA

Product Code	SLDA-7W
Power	7W
Voltage	170~265V AC
Surge protection	2.5 KV
Luminous Flux	700 Lm
Efficacy	100 Lm/W
Energy efficiency	A+
Net weight	0.070 Kg
CRI	> 80
Beam angle	120°
Operating temperature	-20 °C to+40 °C
Storage temperature	Up to 50°C
Body Material	Aluminium body
CCT	3000K / 6500K
IP	44
Dimmable	No
Life Time	30,000Hrs
Cover	Frosted Diffuser
Finishing color	White
Mounting	Recessed
Cutout size in mm	Ø75
Size in mm (LXWXH)	110X47



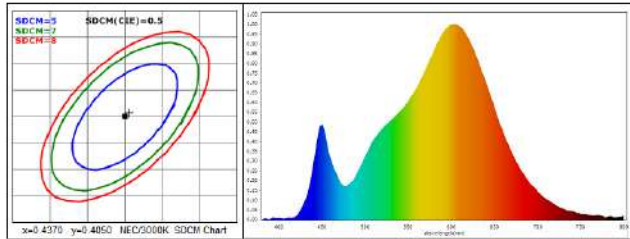
SPECTRAL TEST REPORT FOR LAMP



SLDA-7W-3000K

CIE Color Parameter

Chromaticity coordinates: $x=0.4379$ $y=0.4059$ $u=0.2505$ $v=0.3481$ $u^*=0.2505$ $v^*=0.5222$
 Color temperature: 3002K ($\Delta uv=0.0005$) Color difference: SDCM(CIE)=0.6 Main Wl: $\lambda_d=483.02$ nm Purity: 0.023
 Peak wavelength: $\lambda_p=503.0$ nm Centroid wavelength: 580.2 nm FWHM: $\Delta\lambda_p=127.9$ nm Color ratio: R=0.243 G=0.735 B=0.022
 Color rendering index: Ra=81.81 Color Fidelity: Rf=83.08 Color Gamut: Rg=95.44
 R1=78.2 R2=86.6 R3=97.5 R4=85.3 R5=85.2 R6=91.7 R7=78.7 R8=52.9
 R9=0.8 R10=72.8 R11=84.3 R12=74.3 R13=78.1 R14=98.6 R15=67.8



Optical Parameter

Luminous flux: 544.13 lm luminous efficiency: 98.79 lm/w Radiant flux: 1.948 W
 Energy efficiency index (EEI): 0.128 Energy efficiency class: A+ (EU 674/2012)
 Mesopic vision flux (lm): USP=507.32 MOVE=556.239 MES1=498.403 MES2=497.562

Electrical Parameter

Voltage (V): 220.89 Current (A): 0.0510 Watts (W): 6.520 Power factor: 0.5780

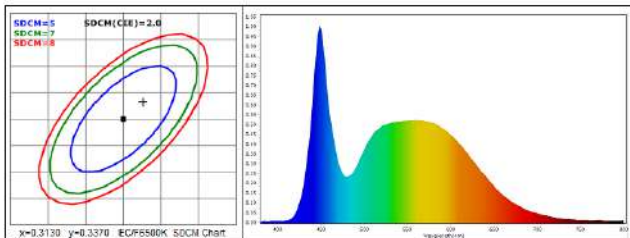
Test Information

Temperature: 25.0 Deg C Humidity: 50%
 Test range: 380-800nm : 1nm Peak AD: 47514 (72.5%)
 Preheat time: (min) Integral time: 478.04 (ms)

SLDA-7W-6500K

CIE Color Parameter

Chromaticity coordinates: $x=0.3157$ $y=0.3401$ $u=0.1958$ $v=0.3164$ $u^*=0.1958$ $v^*=0.4746$
 Color temperature: 6286 K ($\Delta uv=0.00731$) Color difference: SDCM(CIE)=2.0 Main Wl: $\lambda_d=484.02$ nm Purity: 0.34
 Peak wavelength: $\lambda_p=449.0$ nm Centroid wavelength: 538.8 nm FWHM: $\Delta\lambda_p=23.7$ nm Color ratio: R=0.139 G=0.814 B=0.047
 Color rendering index: Ra=79.44 Color Fidelity: Rf=81.9 Color Gamut: Rg=93.32
 R1=74.3 R2=81.9 R3=89.1 R4=83.9 R5=81.6 R6=79.7 R7=82.9 R8=61.6
 R9=14.1 R10=59.3 R11=82.8 R12=60.0 R13=75.1 R14=94.7 R15=67.7



Optical Parameter

Luminous flux: 650.96 lm luminous efficiency: 104.22 lm/w Radiant flux: 2.176 W
 Energy efficiency index (EEI): 0.123 Energy efficiency class: A+ (EU 674/2012)
 Mesopic vision flux (lm): USP=1291.76 MOVE=756.739 MES1=962.116 MES2=959.437

Electrical Parameter

Voltage (V): 220.83 Current (A): 0.0520 Watts (W): 6.630 Power factor: 0.5770

Test Information

Temperature: 25.0 Deg C Humidity: 50%
 Test range: 380-800nm : 1nm Peak AD: 47387 (72.3%)
 Preheat time: (min) Integral time: 412.06 (ms)