



Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : LN1593-1100-N
Manufacturer :

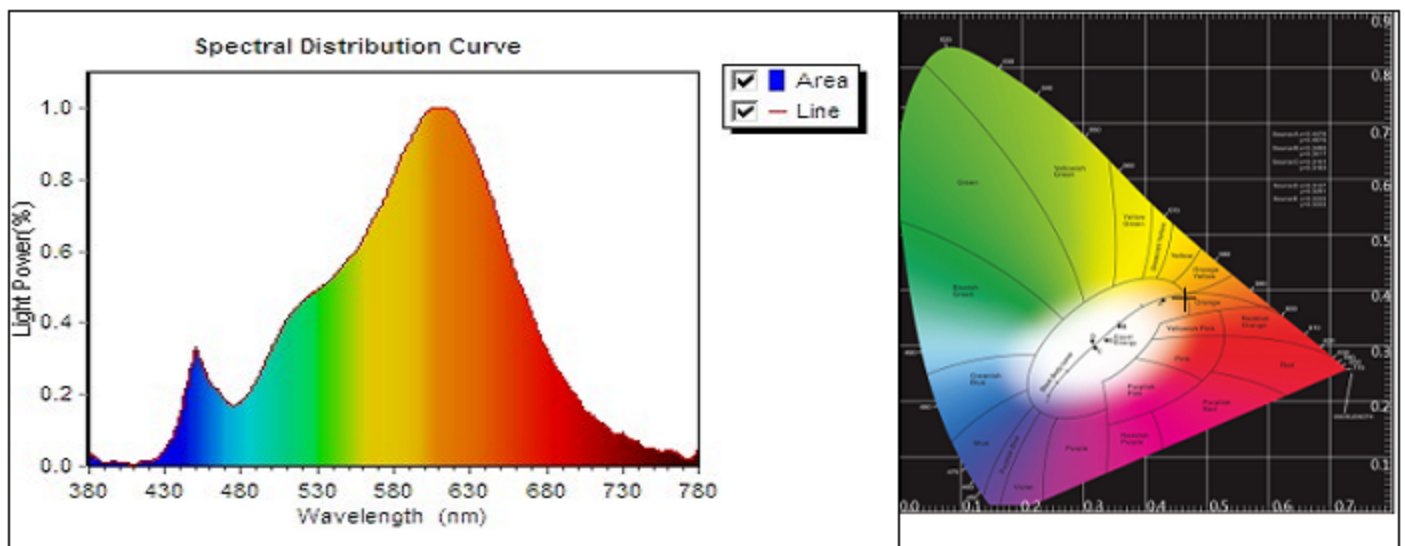
Test date. : 2025-06-26
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 49207 (75.1%)
Integral time. : 518ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4577$ $y=0.4206$ $u=0.2568$ $v=0.3538$ ($duv=0.0039$)

Color temperature: $TC=2807$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=573.03$ nm Purity: $Purity=0.136$

Peak wavelength: $\lambda_p=609.8$ nm FWHM: $\lambda_p=131.5$ nm Color ratio: $R=26.49\%$ $G=71.47\%$ $B=2.05\%$

Color rendering index (Ra): $Ra=86.8$

$R1=85.5$ $R2=92.8$ $R3=98.2$ $R4=86.6$ $R5=85.8$ $R6=93.2$ $R7=86.4$ $R8=65.8$

$R9=22.9$ $R10=84.3$ $R11=88.0$ $R12=78.0$ $R13=88.0$ $R14=99.6$ $R15=77.3$

Optical Parameter

Luminous flux: 550.434 lm luminous efficiency: 21.42 lm/w Radiant flux: 1.7248 W

Electrical Parameter

Voltage: 229.9 V Current: 0.199 A Wate: 25.70 W Power factor: 0.559

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>