



Spectral test report for lamp

Product type : PLAFÓN
Product No. : LYC-1838-27-N (BN)
Manufacturer : BLED

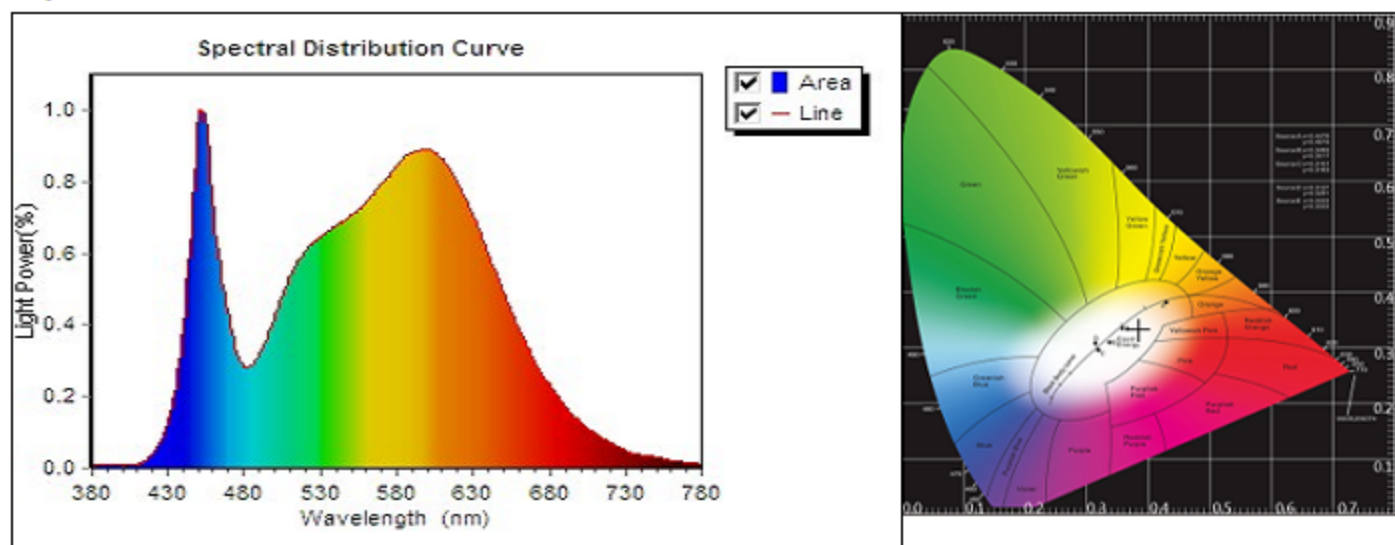
Test date. : 2025-04-02
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 59149 (90.3%)
Integral time. : 290ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3783$ $y=0.3721$ $u=0.2256$ $v=0.3328$ ($duv=-0.0016$)

Color temperature: $TC=4024$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.179$

Peak wavelength: $\lambda_p=452.4$ nm FWHM: $\lambda_p=22.7$ nm Color ratio: $R=20.34\%$ $G=76.20\%$ $B=3.47\%$

Color rendering index (Ra): $Ra=86$

$R1=85.3$ $R2=91.8$ $R3=95.5$ $R4=85.1$ $R5=85.1$ $R6=87.8$ $R7=87.4$ $R8=69.5$

$R9=22.6$ $R10=79.7$ $R11=84.6$ $R12=64.8$ $R13=87.7$ $R14=97.7$ $R15=80.2$

Optical Parameter

Luminous flux: 1318.26 lm luminous efficiency: 98.38 lm/w Radiant flux: 4.1118 W

Electrical Parameter

Voltage: 230.5 V Current: 0.065 A Wate: 13.40 W Power factor: 0.882

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