



Spectral test report for lamp

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

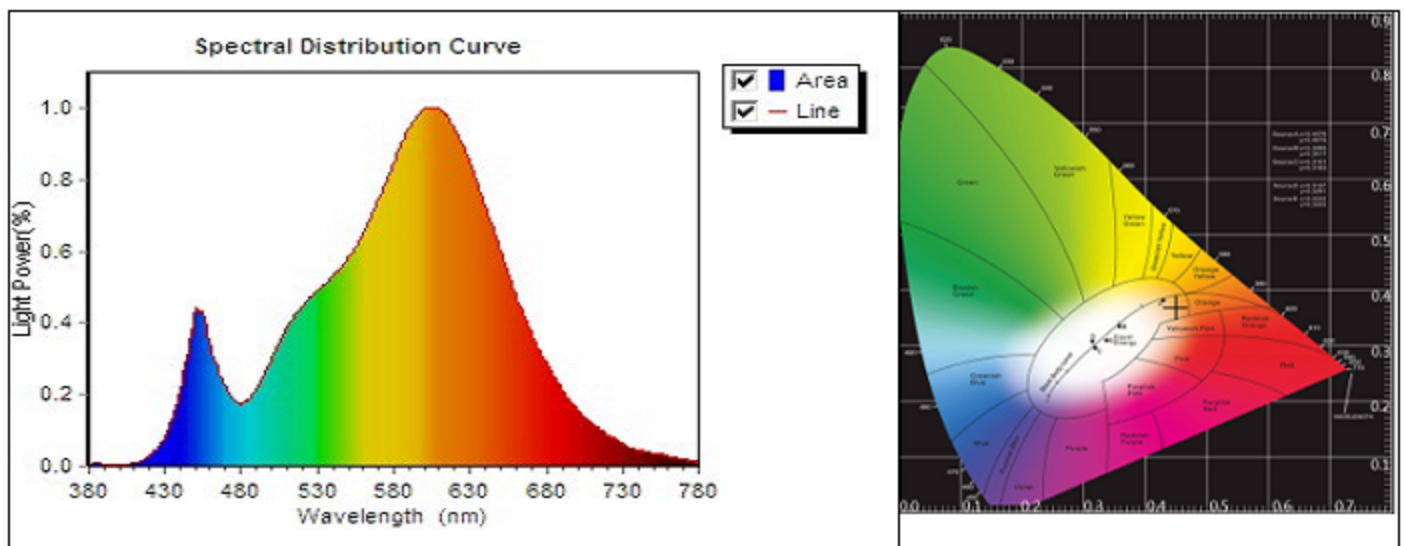
Test date. : 2025-04-02
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57089 (87.1%)
Integral time. : 290ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4443$ $y=0.4060$ $u=0.2544$ $v=0.3488$ ($duv=-0.0002$)

Color temperature: $TC=2896$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.008$

Peak wavelength: $\lambda_p=604.6$ nm FWHM: $\lambda_p=125.5$ nm Color ratio: $R=25.55\%$ $G=72.30\%$ $B=2.15\%$

Color rendering index (Ra): $Ra=83.4$

$R1=82.0$ $R2=91.6$ $R3=96.4$ $R4=81.8$ $R5=82.3$ $R6=90.3$ $R7=82.8$ $R8=59.4$

$R9=9.4$ $R10=81.0$ $R11=81.9$ $R12=74.3$ $R13=85.1$ $R14=98.8$ $R15=74.2$

Optical Parameter

Luminous flux: 1137.47 lm luminous efficiency: 76.34 lm/w Radiant flux: 3.493 W

Electrical Parameter

Voltage: 230.5 V Current: 0.070 A Wate: 14.90 W Power factor: 0.914

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