



Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-2429-50-N (BN)
Manufacturer : BLED

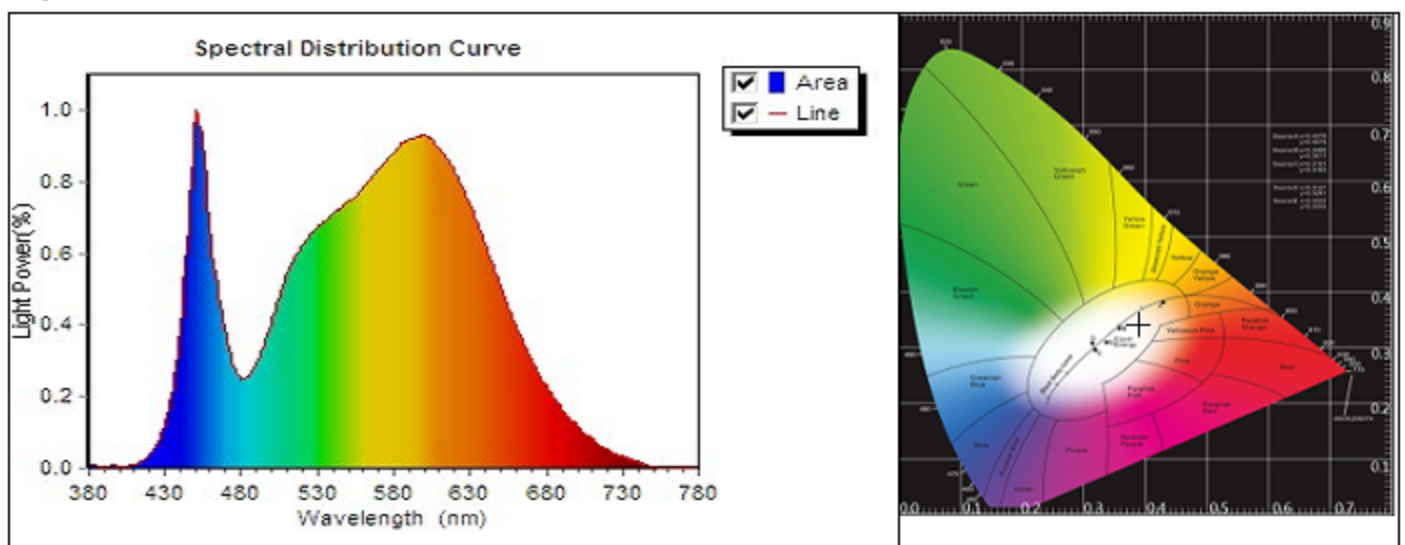
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56321 (85.9%)
Integral time. : 93ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3852$ $y=0.3809$ $u=0.2266$ $v=0.3361$ ($duv=0.0006$)

Color temperature: $TC=3903$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.157$

Peak wavelength: $\lambda_p=451.5$ nm FWHM: $\lambda_p=21.9$ nm Color ratio: $R=20.35\%$ $G=76.57\%$ $B=3.08\%$

Color rendering index (Ra): $Ra=84.1$

$R1=82.8$ $R2=89.5$ $R3=94.3$ $R4=83.4$ $R5=82.5$ $R6=85.2$ $R7=87.2$ $R8=67.1$

$R9=15.4$ $R10=74.6$ $R11=82.5$ $R12=61.2$ $R13=85.1$ $R14=96.8$ $R15=77.2$

Optical Parameter

Luminous flux: 3916.89 lm luminous efficiency: 114.2 lm/w Radiant flux: 11.817 W

Electrical Parameter

Voltage: 230.5 V Current: 0.155 A Wate: 34.30 W Power factor: 0.954

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