



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-2429-50-B (BF)
Manufacturer : BLED

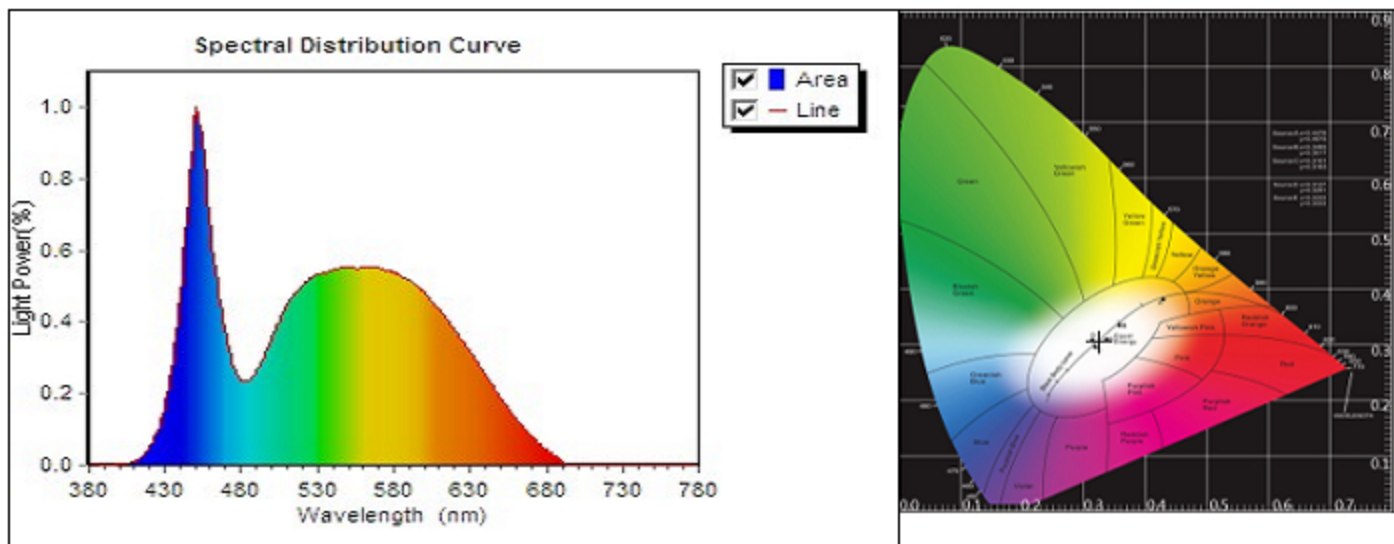
Test date. : 2025-01-24
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52282 (79.8%)
Integral time. : 74ms

Spectral Parameter



100% x 100%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3212$ $y=0.3469$ $u=0.1971$ $v=0.3192$ ($duv=0.0081$)

Color temperature: TC=5994 K Color difference: SDCM=5.4 Main Wavelength: $\lambda_d=484\text{nm}$ Purity: Purity=0.322

Peak wavelength: $\lambda_p=451.2\text{nm}$ FWHM: $\Delta\lambda_p=23.4\text{nm}$ Color ratio: R=14.33% G=81.20% B=4.47%

Color rendering index (Ra): Ra=79.1

R1=75.9 R2=84.0 R3=89.9 R4=78.6 R5=77.2 R6=78.4 R7=86.0 R8=62.5

R9=-15.9 R10=62.3 R11=77.1 R12=54.6 R13=78.9 R14=94.6 R15=69.4

Optical Parameter

Luminous flux: 3337.403 lm luminous efficiency: 92.19 lm/w Radiant flux: 9.992 W

Electrical Parameter

Voltage: 230.6 V Current: 0.163 A Watts: 36.20 W Power factor: 0.960

MEASUREFINE

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