



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

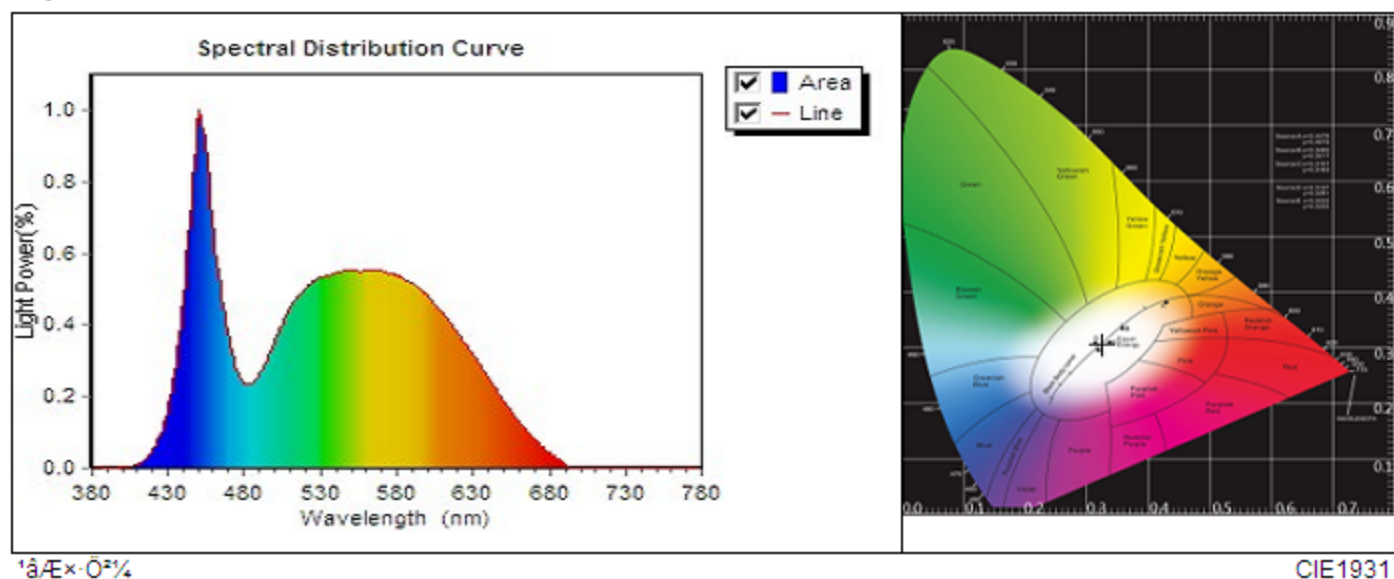
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

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

Spectral Parameter



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: $\lambda_d=484$ nm Purity: $Purity=0.322$
Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\Delta\lambda_p=23.4$ 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

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