



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN TECHO
Product No. : LYC-2415-40-MO (BF)
Manufacturer : BLED

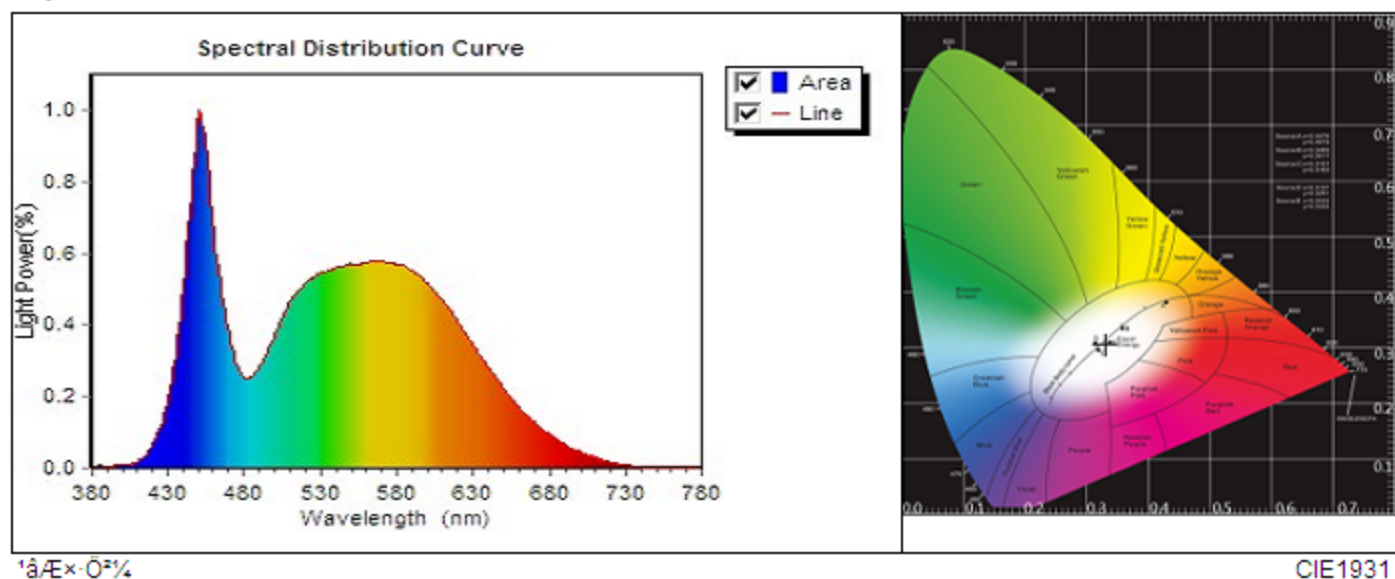
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52034 (79.4%)
Integral time. : 96ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3255$ $y=0.3470$ $u=0.1999$ $v=0.3197$ ($duv=0.0061$)
Color temperature: $TC=5802$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.313$
Peak wavelength: $\lambda_p=451.1$ nm FWHM: $\Delta\lambda_p=24.0$ nm Color ratio: $R=14.91\%$ $G=80.62\%$ $B=4.47\%$

Color rendering index (Ra): $Ra=80.6$

$R1=77.9$ $R2=85.3$ $R3=90.6$ $R4=80.3$ $R5=79.1$ $R6=80.0$ $R7=86.4$ $R8=64.9$
 $R9=-6.4$ $R10=65.3$ $R11=79.2$ $R12=58.4$ $R13=80.6$ $R14=95.0$ $R15=72.1$

Optical Parameter

Luminous flux: 2694.165 lm luminous efficiency: 97.61 lm/w Radiant flux: 8.3105 W

Electrical Parameter

Voltage: 230.2 V Current: 0.128 A Watts: 27.60 W Power factor: 0.934

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