



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

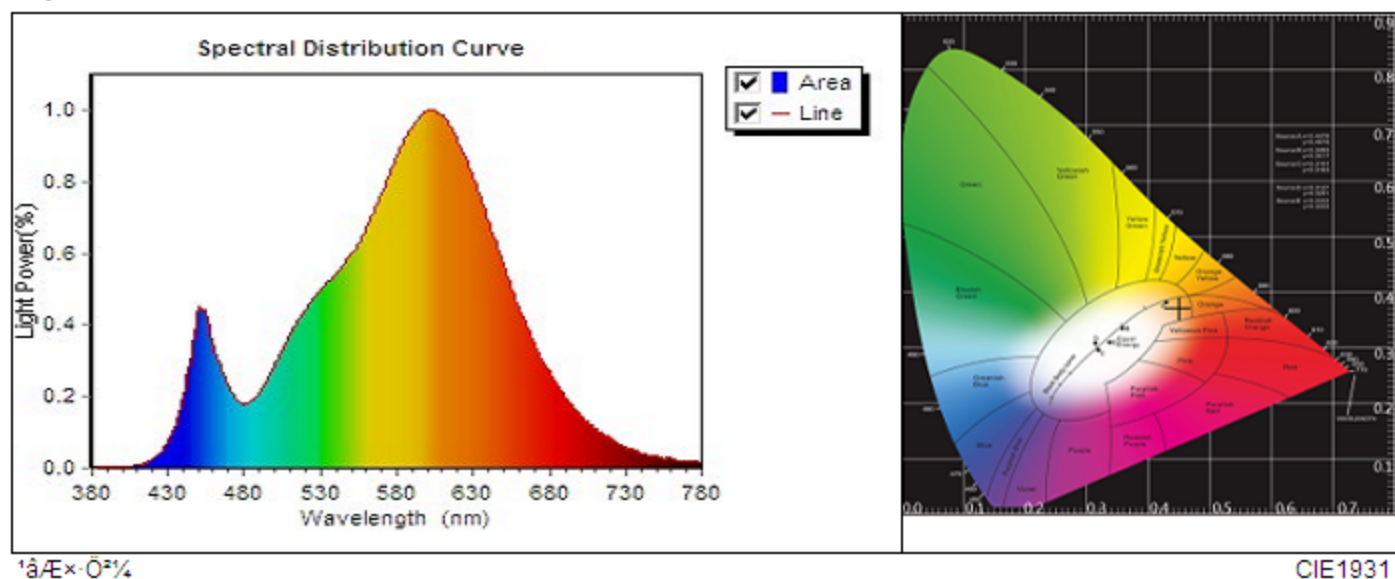
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52838 (80.6%)
Integral time. : 121ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4423$ $y=0.4080$ $u=0.2523$ $v=0.3491$ ($duv=0.0008$)
Color temperature: $TC=2943$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=492.05$ nm Purity: $Purity=0.013$
Peak wavelength: $\lambda_p=602.0$ nm FWHM: $\Delta\lambda_p=125.0$ nm Color ratio: $R=24.85\%$ $G=73.01\%$ $B=2.14\%$

Color rendering index (Ra): $Ra=81.3$

$R1=79.3$ $R2=89.9$ $R3=96.6$ $R4=78.9$ $R5=79.3$ $R6=87.6$ $R7=82.0$ $R8=56.3$
 $R9=1.0$ $R10=77.0$ $R11=77.8$ $R12=68.7$ $R13=82.5$ $R14=98.7$ $R15=71.5$

Optical Parameter

Luminous flux: 2554.756 lm luminous efficiency: 90.92 lm/w Radiant flux: 7.6911 W

Electrical Parameter

Voltage: 230.2 V Current: 0.130 A Watts: 28.10 W Power factor: 0.933

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