



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

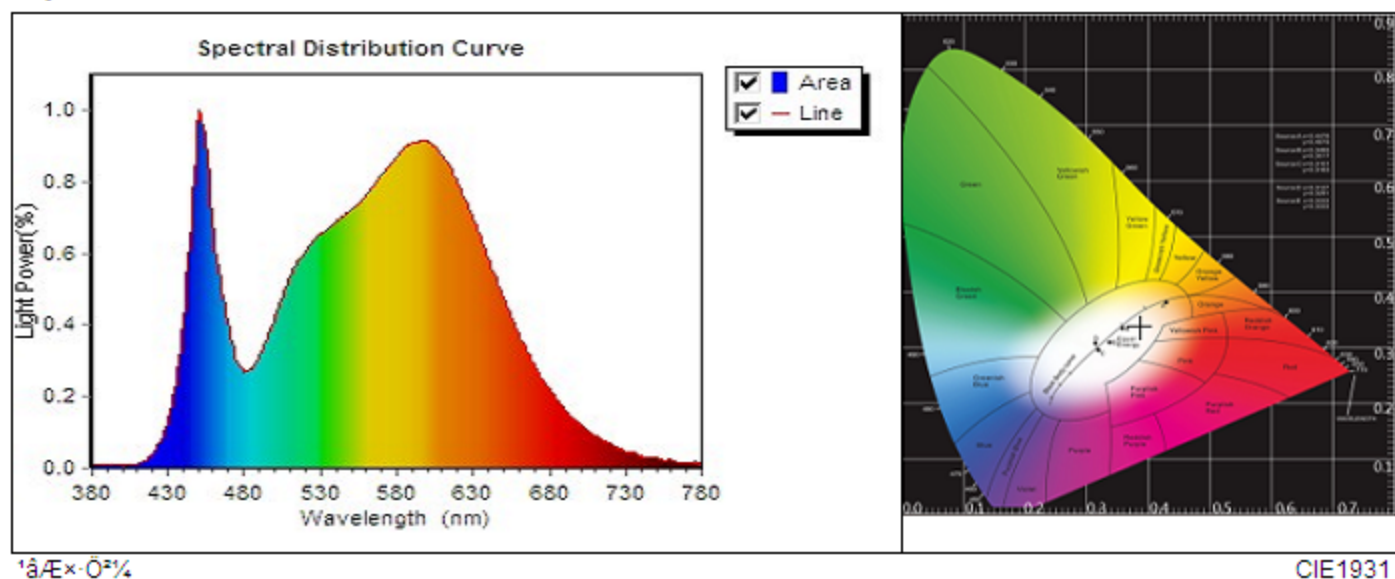
Test date. : 2025-01-24
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56273 (85.9%)
Integral time. : 121ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3813$ $y=0.3768$ $u=0.2257$ $v=0.3345$ ($duv=-0.0003$)
Color temperature: $TC=3976$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.168$
Peak wavelength: $\lambda_p=451.5$ nm FWHM: $\Delta\lambda_p=23.2$ nm Color ratio: $R=20.12\%$ $G=76.59\%$ $B=3.29\%$

Color rendering index (Ra): $Ra=84$

$R1=82.7$ $R2=90.1$ $R3=95.1$ $R4=83.1$ $R5=82.7$ $R6=85.9$ $R7=86.4$ $R8=65.9$
 $R9=12.6$ $R10=76.1$ $R11=82.3$ $R12=62.8$ $R13=85.3$ $R14=97.4$ $R15=76.9$

Optical Parameter

Luminous flux: 2998.82 lm luminous efficiency: 112.74 lm/w Radiant flux: 9.179 W

Electrical Parameter

Voltage: 230.3 V Current: 0.124 A Watts: 26.60 W Power factor: 0.928

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