



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN
Product No. : LYC-1838-50-N (BF)
Manufacturer : BLED

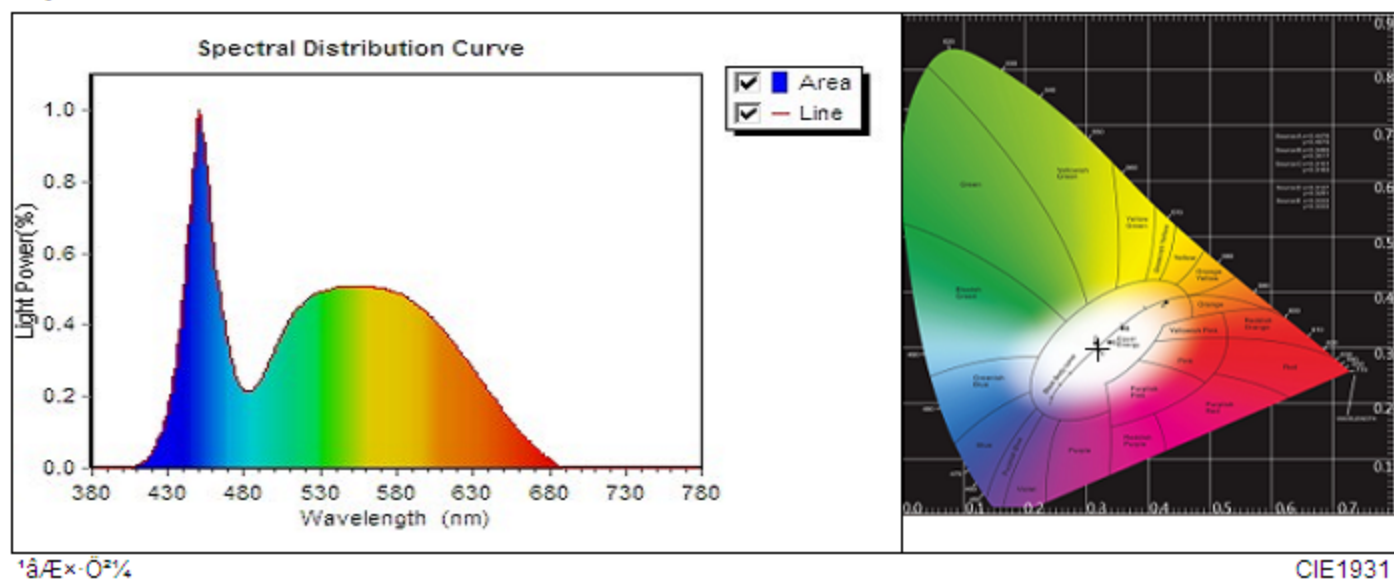
Test date. : 2025-04-02
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51531 (78.6%)
Integral time. : 72ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3146$ $y=0.3394$ $u=0.1953$ $v=0.3160$ ($duv=0.0075$)
Color temperature: $TC=6340$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.343$
Peak wavelength: $\lambda_p=450.8$ nm FWHM: $\Delta\lambda_p=22.7$ nm Color ratio: $R=13.89\%$ $G=81.49\%$ $B=4.62\%$

Color rendering index (Ra): $Ra=78.8$

$R1=75.6$ $R2=83.5$ $R3=89.0$ $R4=78.5$ $R5=77.0$ $R6=77.7$ $R7=85.8$ $R8=62.6$
 $R9=-18.5$ $R10=60.8$ $R11=77.2$ $R12=53.4$ $R13=78.5$ $R14=94.1$ $R15=69.2$

Optical Parameter

Luminous flux: 3116.098 lm luminous efficiency: 86.8 lm/w Radiant flux: 9.3983 W

Electrical Parameter

Voltage: 230.6 V Current: 0.162 A Watts: 35.90 W Power factor: 0.957

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