



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN
Product No. : LYC-1838-27-N (BF)
Manufacturer : BLED

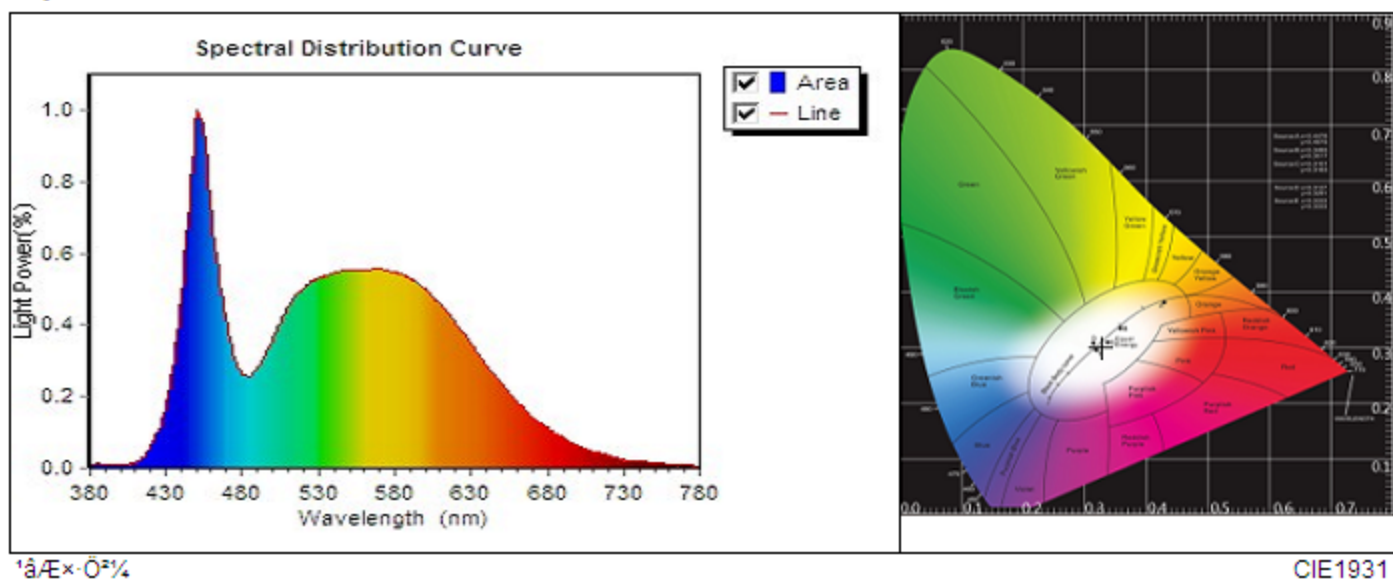
Test date. : 2025-04-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57619 (87.9%)
Integral time. : 227ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3233$ $y=0.3421$ $u=0.2003$ $v=0.3178$ ($duv=0.0047$)
Color temperature: $TC=5910$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.32$
Peak wavelength: $\lambda_p=451.8$ nm FWHM: $\Delta\lambda_p=24.4$ nm Color ratio: $R=15.14\%$ $G=80.18\%$ $B=4.68\%$

Color rendering index (Ra): $Ra=82.6$

$R1=80.6$ $R2=87.0$ $R3=90.7$ $R4=82.3$ $R5=81.3$ $R6=81.5$ $R7=87.8$ $R8=69.0$
 $R9=6.4$ $R10=68.5$ $R11=81.1$ $R12=59.3$ $R13=83.0$ $R14=95.0$ $R15=75.9$

Optical Parameter

Luminous flux: 1198.242 lm luminous efficiency: 84.98 lm/w Radiant flux: 3.8171 W

Electrical Parameter

Voltage: 230.5 V Current: 0.068 A Watts: 14.10 W Power factor: 0.889

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