



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

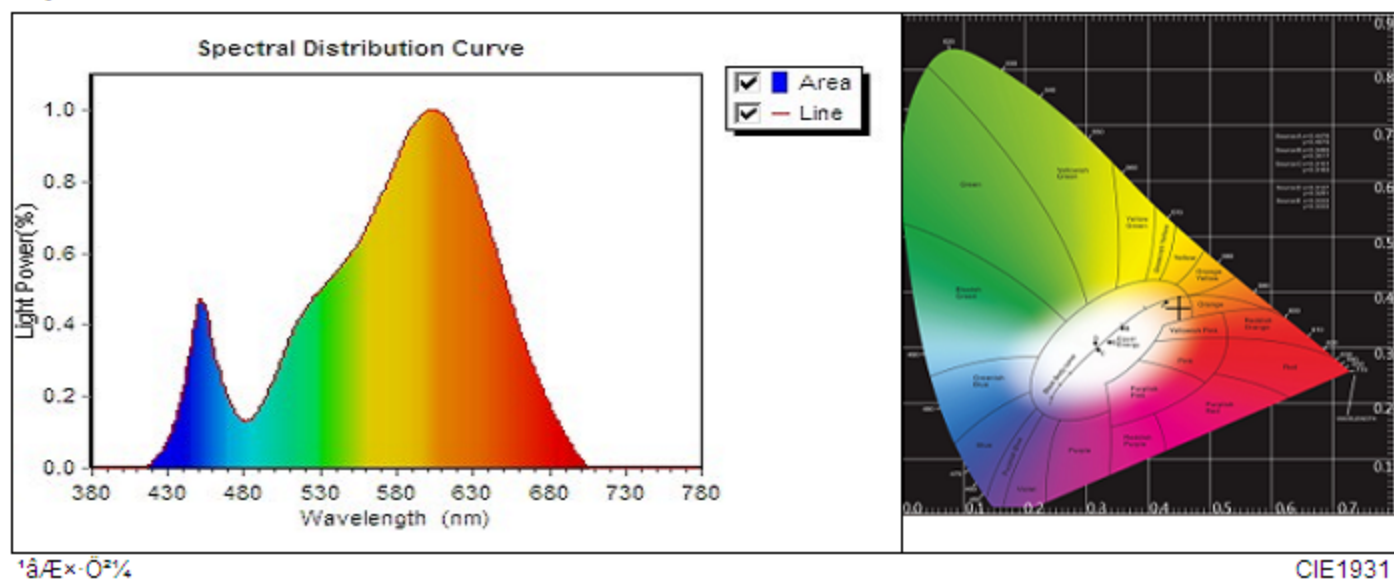
Test date. : 2025-04-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 39264 (59.9%)
Integral time. : 72ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4434$ $y=0.4086$ $u=0.2528$ $v=0.3494$ ($duv=0.0009$)
Color temperature: $TC=2931$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=494.03$ nm Purity: $Purity=0.01$
Peak wavelength: $\lambda_p=602.8$ nm FWHM: $\Delta\lambda_p=122.4$ nm Color ratio: $R=24.84\%$ $G=73.30\%$ $B=1.85\%$

Color rendering index (Ra): $Ra=79.9$

$R1=77.8$ $R2=88.2$ $R3=96.5$ $R4=78.0$ $R5=77.5$ $R6=85.0$ $R7=81.6$ $R8=54.1$
 $R9=-5.6$ $R10=72.6$ $R11=76.8$ $R12=63.8$ $R13=80.9$ $R14=98.2$ $R15=69.6$

Optical Parameter

Luminous flux: 2876.763 lm luminous efficiency: 80.58 lm/w Radiant flux: 8.1023 W

Electrical Parameter

Voltage: 230.6 V Current: 0.162 A Watts: 35.70 W Power factor: 0.954

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