



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B2121BF
Manufacturer : BLED

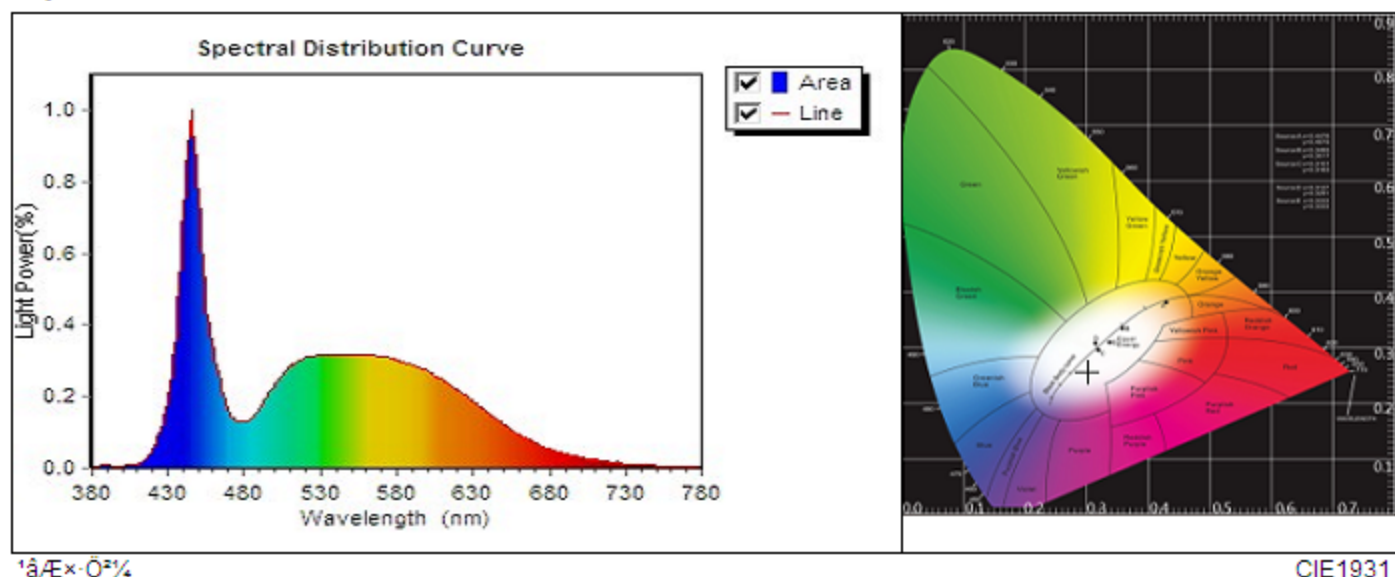
Test date. : 2024-04-25
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52078 (79.5%)
Integral time. : 73ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2978$ $y=0.3020$ $u=0.1976$ $v=0.3006$ ($duv=-0.0030$)
Color temperature: $TC=7870$ K Color difference: $SDCM=8.6$ Main Wavelength: $\lambda_d=481.06$ nm Purity: $Purity=0.411$
Peak wavelength: $\lambda_p=445.2$ nm FWHM: $\Delta\lambda_p=17.2$ nm Color ratio: $R=14.21\%$ $G=80.85\%$ $B=4.93\%$

Color rendering index (Ra): $Ra=82.3$

$R1=84.8$ $R2=83.1$ $R3=80.2$ $R4=84.8$ $R5=85.8$ $R6=77.0$ $R7=84.7$ $R8=77.7$
 $R9=24.8$ $R10=58.8$ $R11=87.2$ $R12=59.7$ $R13=83.4$ $R14=89.0$ $R15=82.4$

Optical Parameter

Luminous flux: 2104.639 lm luminous efficiency: lm/w Radiant flux: 7.2284 W

Electrical Parameter

Voltage: Current: Watto: Power factor:

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