



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B2153BF
Manufacturer : BLED

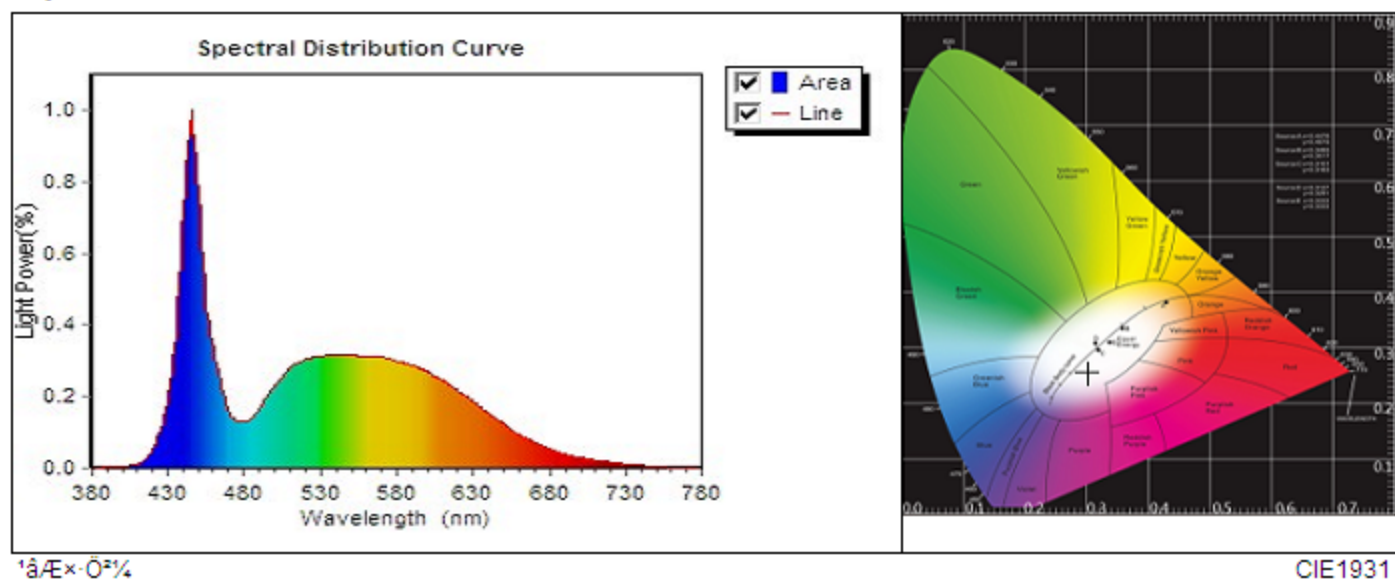
Test date. : 2024-04-25
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44415 (67.8%)
Integral time. : 60ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2972$ $y=0.3000$ $u=0.1979$ $v=0.2997$ ($duv=-0.0037$)
Color temperature: $TC=7966$ K Color difference: $SDCM=9.4$ Main Wavelength: $\lambda_d=481.04$ nm Purity: $Purity=0.414$
Peak wavelength: $\lambda_p=445.2$ nm FWHM: $\Delta\lambda_p=17.2$ nm Color ratio: $R=14.24\%$ $G=80.78\%$ $B=4.99\%$

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

$R1=85.3$ $R2=83.3$ $R3=79.9$ $R4=85.2$ $R5=86.2$ $R6=77.0$ $R7=84.8$ $R8=78.4$
 $R9=26.9$ $R10=59.1$ $R11=87.6$ $R12=59.7$ $R13=83.7$ $R14=88.8$ $R15=83.2$

Optical Parameter

Luminous flux: 2151.507 lm luminous efficiency: lm/w Radiant flux: 7.3999 W

Electrical Parameter

Voltage: Current: Watto: Power factor:

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