



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B2153RGB (B)
Manufacturer : BLED

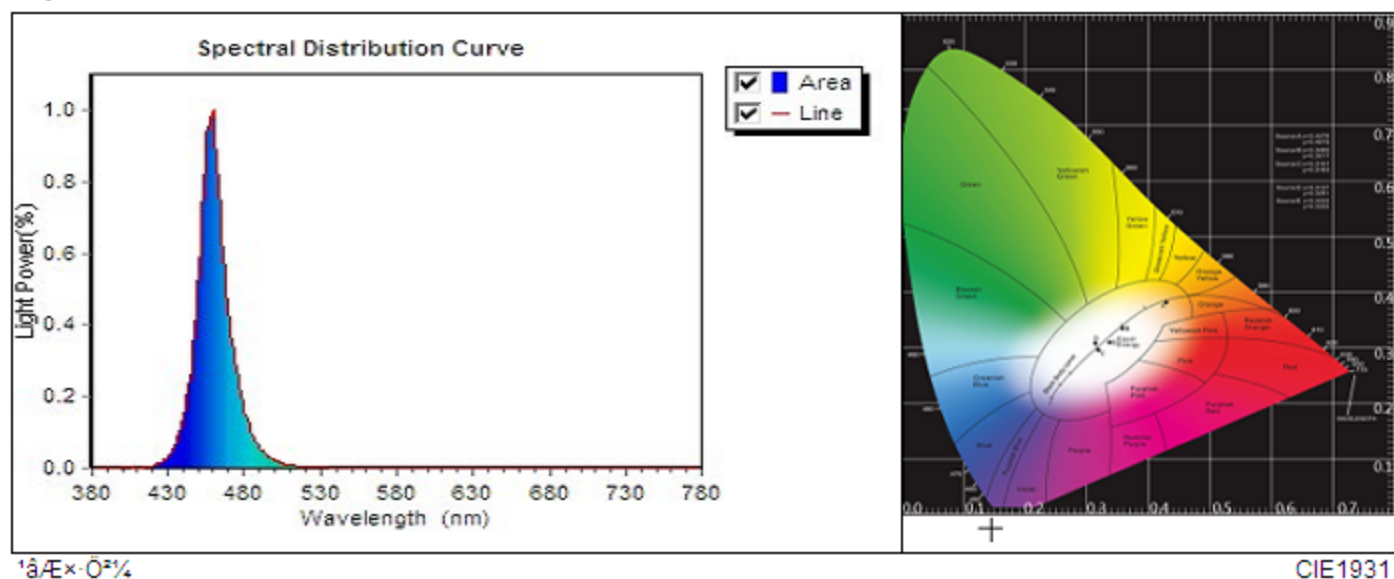
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57052 (87.1%)
Integral time. : 60ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1431$ $y=0.0399$ $u=0.1793$ $v=0.0749$ ($duv=-0.1973$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.8$ Main Wavelength: $\lambda_d=472.02$ nm Purity: Purity=1.01
Peak wavelength: $\lambda_p=458.3$ nm FWHM: $\Delta\lambda_p=18.7$ nm Color ratio: $R=0.03\%$ $G=11.14\%$ $B=88.83\%$

Color rendering index (Ra): $Ra=-61.4$

$R1=-20.8$ $R2=-59.2$ $R3=-155.5$ $R4=-94.1$ $R5=-1.0$ $R6=-64.5$ $R7=-55.8$ $R8=-40.4$
 $R9=-294.0$ $R10=-261.4$ $R11=-122.9$ $R12=-119.8$ $R13=-45.7$ $R14=-37.8$ $R15=-5.3$

Optical Parameter

Luminous flux: 138.876 lm luminous efficiency: lm/w Radiant flux: 2.7605 W

Electrical Parameter

Voltage: Current: Wattle: Power factor:

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