



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B2121RGB
Manufacturer : BLED

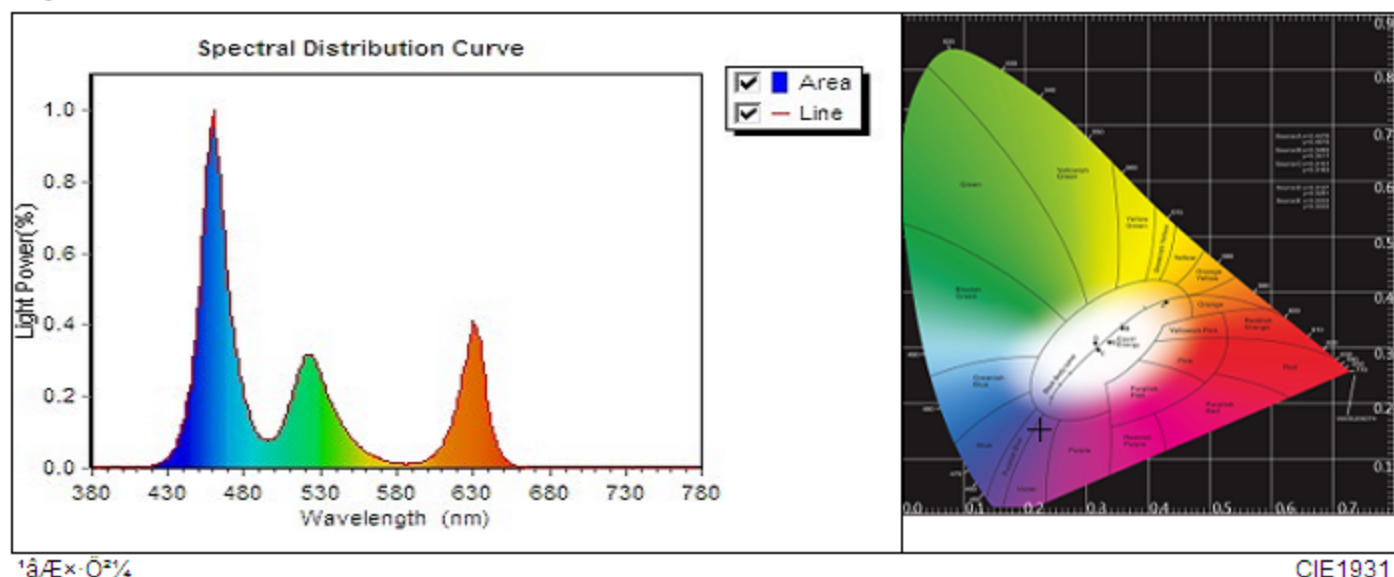
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50788 (77.5%)
Integral time. : 60ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2228$ $y=0.2057$ $u=0.1774$ $v=0.2457$ ($duv=-0.0269$)
Color temperature: $TC=100000$ K Color difference: $SDCM=65.4$ Main Wavelength: $\lambda_d=478.02$ nm Purity: $Purity=0.661$
Peak wavelength: $\lambda_p=459.5$ nm FWHM: $\Delta\lambda_p=18.6$ nm Color ratio: $R=19.38\%$ $G=67.36\%$ $B=13.26\%$

Color rendering index (Ra): $Ra=62.3$

$R1=46.7$ $R2=63.6$ $R3=85.5$ $R4=75.1$ $R5=67.9$ $R6=67.5$ $R7=69.0$ $R8=23.0$
 $R9=-178.5$ $R10=21.3$ $R11=63.0$ $R12=59.8$ $R13=44.3$ $R14=87.5$ $R15=22.6$

Optical Parameter

Luminous flux: 941.703 lm luminous efficiency: lm/w Radiant flux: 4.6762 W

Electrical Parameter

Voltage: Current: Watte: Power factor:

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