



Spectral test report for lamp

Product type :
Product No. : B2121RGB (B)
Manufacturer : BLED

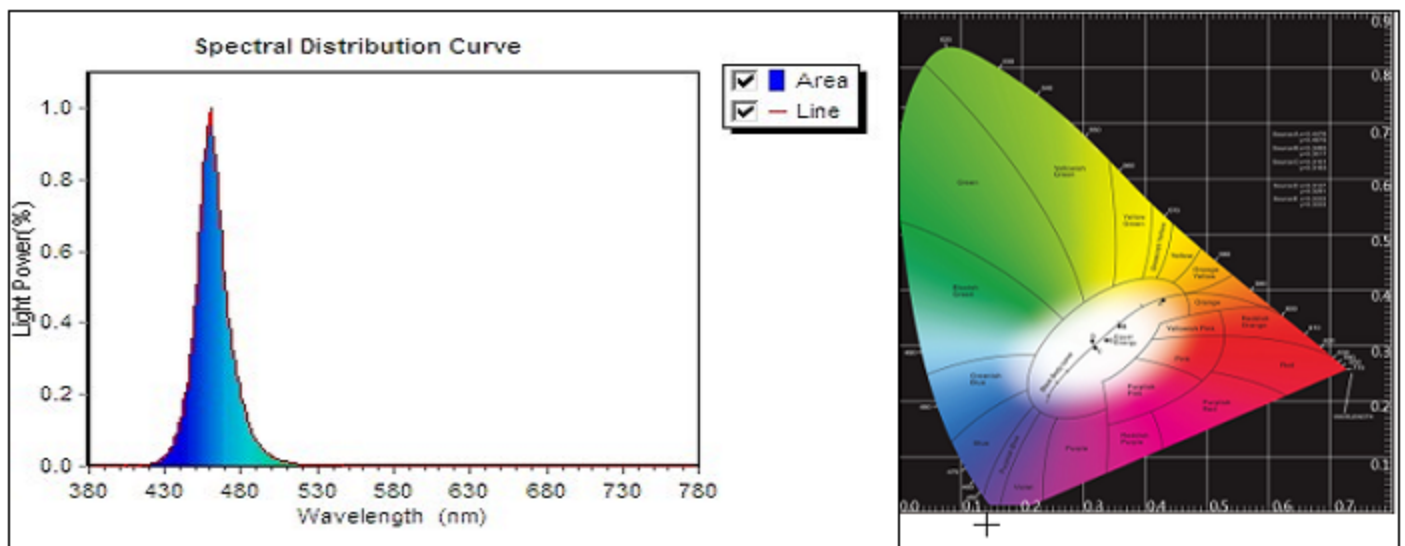
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51039 (77.9%)
Integral time. : 60ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1415$ $y=0.0444$ $u=0.1741$ $v=0.0820$ ($duv=-0.1904$)

Color temperature: $TC=100000$ K Color difference: $SDCM=118.4$ Main Wavelength: $\lambda_d=472.06$ nm Purity: $Purity=1.005$

Peak wavelength: $\lambda_p=459.5$ nm FWHM: $\lambda_p=18.6$ nm Color ratio: $R=0.04\%$ $G=14.03\%$ $B=85.93\%$

Color rendering index (Ra): $Ra=-57.5$

$R1=-17.8$ $R2=-52.3$ $R3=-148.4$ $R4=-92.2$ $R5=1.6$ $R6=-58.8$ $R7=-52.4$ $R8=-39.7$

$R9=-291.7$ $R10=-243.2$ $R11=-120.9$ $R12=-110.1$ $R13=-40.1$ $R14=-34.6$ $R15=-3.3$

Optical Parameter

Luminous flux: 139.876 lm luminous efficiency: lm/w Radiant flux: 2.5507 W

Electrical Parameter

Voltage: Current: Watta: Power factor:

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