



Spectral test report for lamp

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

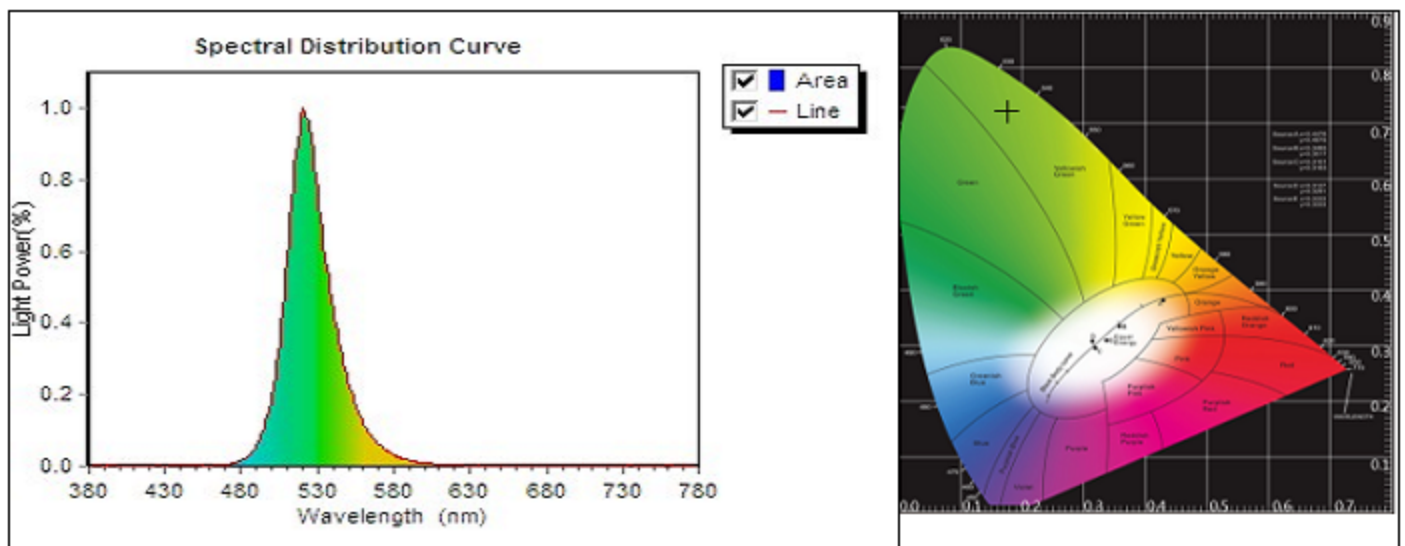
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48380 (73.8%)
Integral time. : 157ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1735$ $y=0.7333$ $u=0.0606$ $v=0.3842$ ($duv=0.1575$)

Color temperature: $TC=7722$ K Color difference: $SDCM=284.0$ Main Wavelength: $\lambda_d=506.06$ nm Purity: $Purity=0.822$

Peak wavelength: $\lambda_p=521.4$ nm FWHM: $\lambda_p=29.6$ nm Color ratio: $R=0.38\%$ $G=98.71\%$ $B=0.91\%$

Color rendering index (Ra): $Ra=-24.1$

$R1=-35.3$ $R2=-9.8$ $R3=-23.8$ $R4=-62.0$ $R5=-9.6$ $R6=-17.4$ $R7=-4.4$ $R8=-31.2$

$R9=-358.1$ $R10=-110.4$ $R11=-92.8$ $R12=-36.2$ $R13=-38.1$ $R14=38.0$ $R15=-32.9$

Optical Parameter

Luminous flux: 691.348 lm luminous efficiency: lm/w Radiant flux: 1.3802 W

Electrical Parameter

Voltage: Current: Watta: Power factor:

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