



Spectral test report for lamp

Product type :
Product No. : B2153BC
Manufacturer : BLED

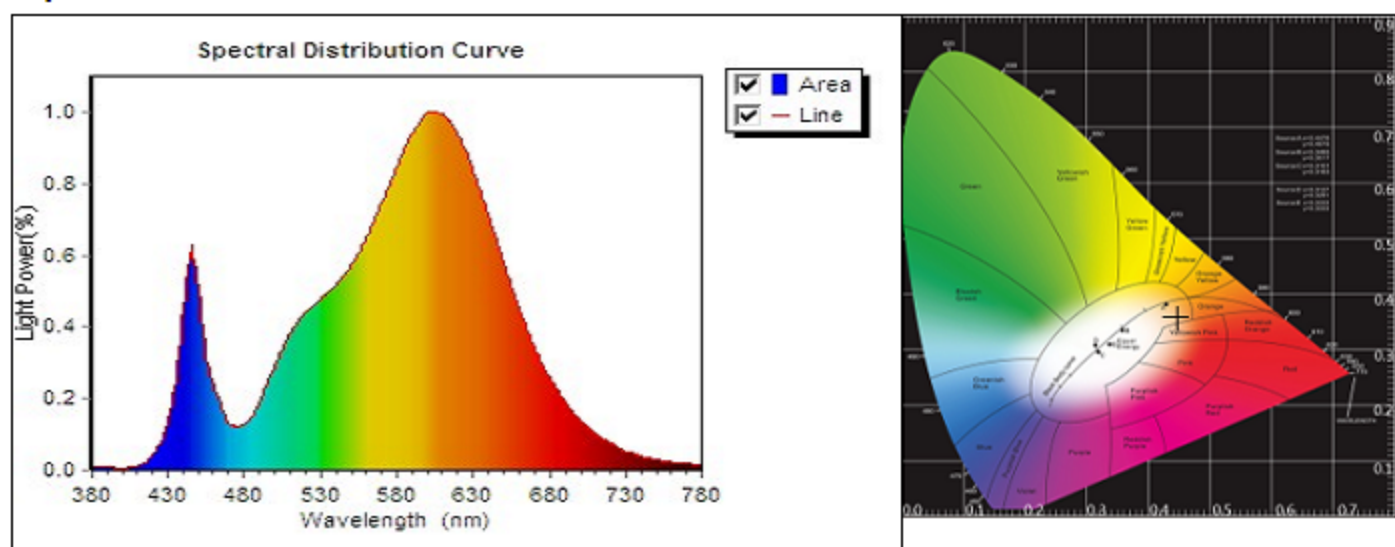
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44701 (68.2%)
Integral time. : 118ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4393$ $y=0.3954$ $u=0.2559$ $v=0.3455$ ($duv=-0.0038$)

Color temperature: $TC=2889$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=466.02$ nm Purity: $Purity=0.03$

Peak wavelength: $\lambda_p=602.4$ nm FWHM: $\lambda_p=120.0$ nm Color ratio: $R=25.68\%$ $G=72.39\%$ $B=1.93\%$

Color rendering index (Ra): $Ra=82.1$

$R1=80.9$ $R2=90.0$ $R3=96.1$ $R4=81.0$ $R5=81.3$ $R6=88.2$ $R7=81.3$ $R8=57.9$

$R9=5.9$ $R10=77.7$ $R11=81.5$ $R12=75.2$ $R13=83.6$ $R14=98.3$ $R15=73.6$

Optical Parameter

Luminous flux: 2135.22 lm luminous efficiency: lm/w Radiant flux: 6.5619 W

Electrical Parameter

Voltage: Current: Watta: Power factor:

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