



Spectral test report for lamp

Product type : QR111
Product No. : B1002-CCT (BN)
Manufacturer : BLED

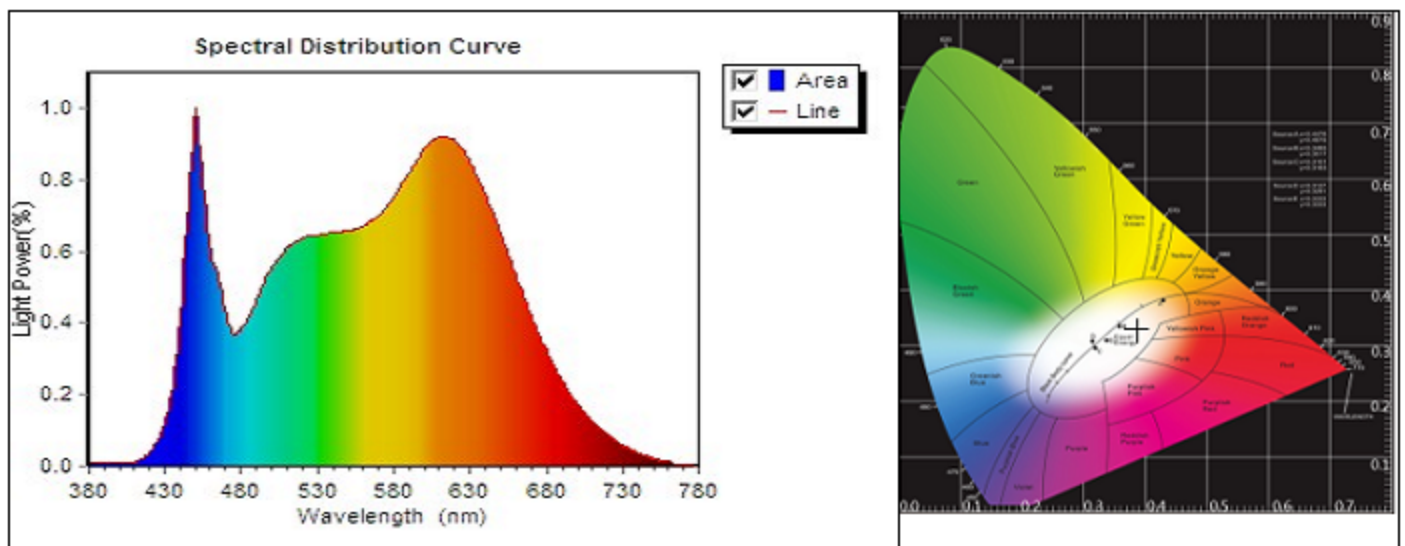
Test date. : 2024-10-08
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50590 (77.2%)
Integral time. : 124ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3820$ $y=0.3687$ $u=0.2294$ $v=0.3321$ ($duv=-0.0043$)

Color temperature: $TC=3894$ K Color difference: $SDCM=6.7$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.172$

Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\lambda_p=24.6$ nm Color ratio: $R=22.76\%$ $G=73.10\%$ $B=4.14\%$

Color rendering index (Ra): $Ra=95.8$

$R1=98.1$ $R2=98.1$ $R3=98.0$ $R4=98.7$ $R5=98.4$ $R6=94.3$ $R7=92.9$ $R8=87.8$

$R9=72.4$ $R10=97.5$ $R11=95.6$ $R12=83.3$ $R13=98.1$ $R14=99.4$ $R15=96.2$

Optical Parameter

Luminous flux: 2832.187 lm luminous efficiency: 103.74 lm/w Radiant flux: 9.4993 W

Electrical Parameter

Voltage: 230.4 V Current: 0.124 A Wate: 27.30 W Power factor: 0.954

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