



Spectral test report for lamp

Product type : LED MODULE
Product No. : BM1431RGB CCT (G)
Manufacturer : BLED

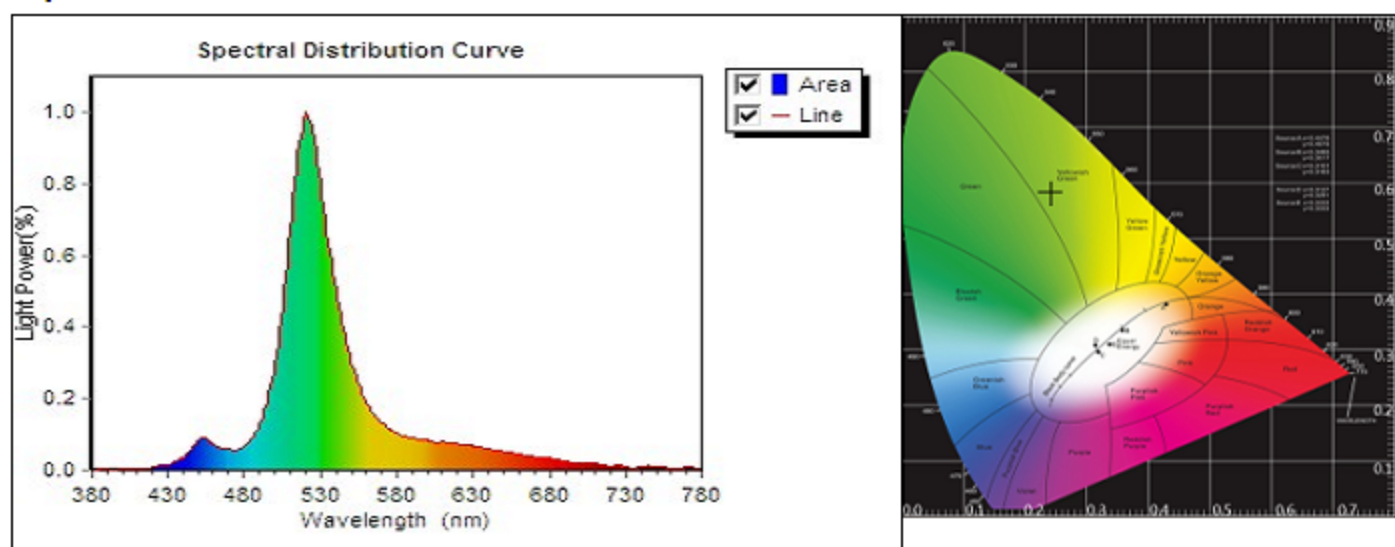
Test date. : 2024-08-08
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54301 (82.9%)
Integral time. : 178ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.2377$ $y=0.6037$ $u=0.0973$ $v=0.3708$ ($duv=0.1192$)

Color temperature: $TC=7192$ K Color difference: $SDCM=183.3$ Main Wavelength: $\lambda_d=502.06$ nm Purity: $Purity=0.602$

Peak wavelength: $\lambda_p=521.1$ nm FWHM: $\lambda_p=33.8$ nm Color ratio: $R=4.36\%$ $G=93.66\%$ $B=1.98\%$

Color rendering index (Ra): $Ra=28.8$

$R1=6.4$ $R2=33.0$ $R3=52.2$ $R4=9.2$ $R5=20.6$ $R6=25.5$ $R7=62.3$ $R8=20.9$

$R9=-197.6$ $R10=-23.7$ $R11=-10.7$ $R12=5.1$ $R13=7.1$ $R14=75.2$ $R15=2.1$

Optical Parameter

Luminous flux: 18.171 lm Luminous efficiency: 56.08 lm/w Radiant flux: 0.0422 W

Electrical Parameter

Voltage: 12.0 V Current: 0.027 A Wate: 0.324 W Power factor: 1.000

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