



Spectral test report for lamp

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

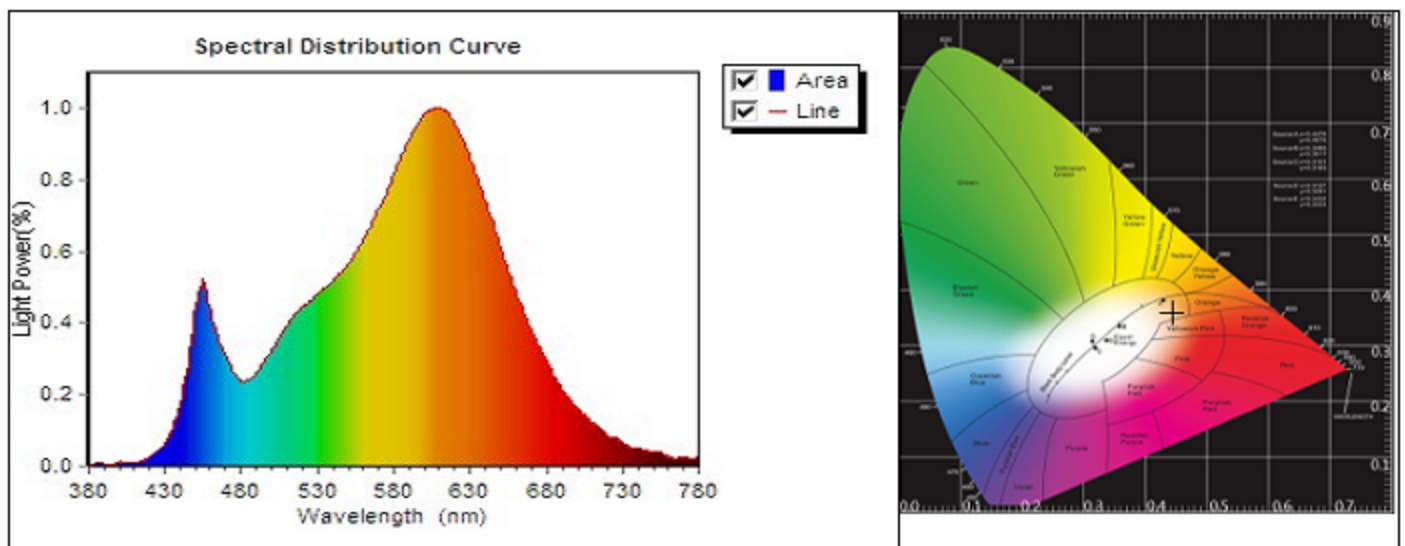
Test date. : 2024-08-08
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 34814 (53.1%)
Integral time. : 178ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4376$ $y=0.3972$ $u=0.2540$ $v=0.3458$ ($duv=-0.0028$)

Color temperature: $TC=2932$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=476.04$ nm Purity: $Purity=0.031$

Peak wavelength: $\lambda_p=608.7$ nm FWHM: $\lambda_p=123.6$ nm Color ratio: $R=26.04\%$ $G=71.29\%$ $B=2.67\%$

Color rendering index (Ra): $Ra=86.1$

$R1=86.5$ $R2=95.8$ $R3=93.8$ $R4=84.5$ $R5=87.2$ $R6=94.8$ $R7=82.5$ $R8=63.4$

$R9=21.4$ $R10=90.1$ $R11=85.3$ $R12=80.6$ $R13=89.9$ $R14=97.5$ $R15=79.3$

Optical Parameter

Luminous flux: 23.228 lm Luminous efficiency: 64.52 lm/w Radiant flux: 0.0734 W

Electrical Parameter

Voltage: 12.0 V Current: 0.030 A Wate: 0.36 W Power factor: 1.000

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