



Spectral test report for lamp

Product type :
Product No. : B8800
Manufacturer : BLED

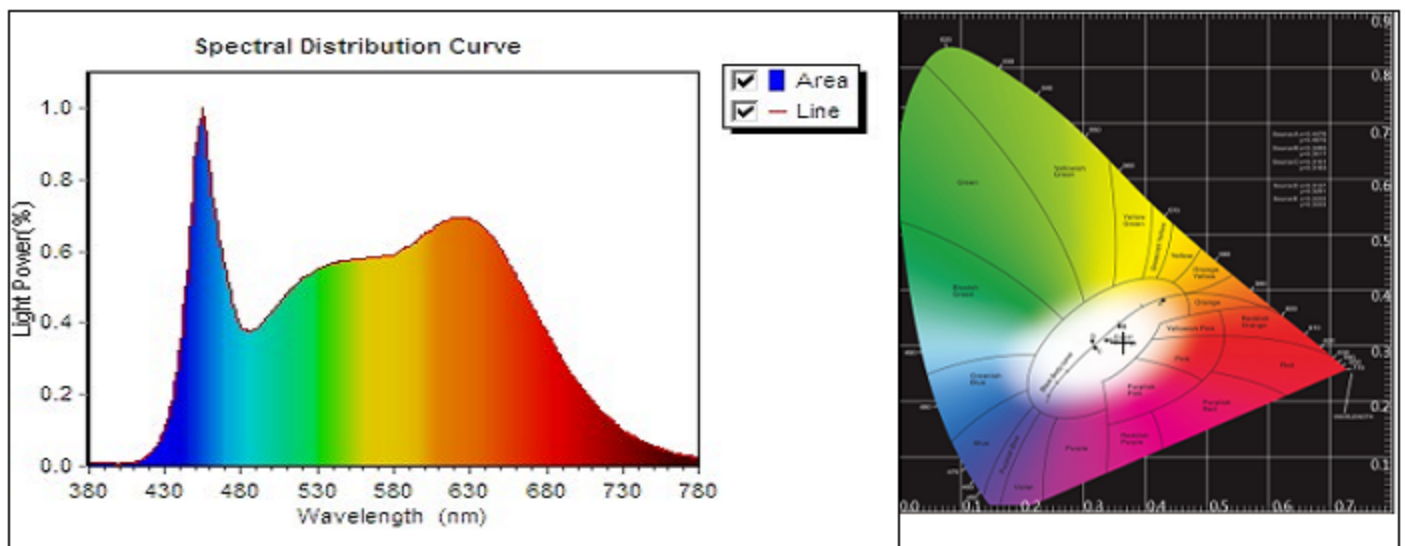
Test date. : 2024-04-19
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 58197 (88.8%)
Integral time. : 120ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3601$ $y=0.3478$ $u=0.2232$ $v=0.3234$ ($duv=-0.0077$)

Color temperature: $TC=4424$ K Color difference: $SDCM=12.3$ Main Wavelength: $\lambda_d=481.06$ nm Purity: $Purity=0.237$

Peak wavelength: $\lambda_p=454.2$ nm FWHM: $\lambda_p=28.5$ nm Color ratio: $R=21.56\%$ $G=73.50\%$ $B=4.94\%$

Color rendering index (Ra): $Ra=96.1$

$R1=94.8$ $R2=95.9$ $R3=97.8$ $R4=98.1$ $R5=95.3$ $R6=93.1$ $R7=96.2$ $R8=97.1$

$R9=93.6$ $R10=94.7$ $R11=96.9$ $R12=75.1$ $R13=95.0$ $R14=98.2$ $R15=93.5$

Optical Parameter

Luminous flux: 2643.63 lm luminous efficiency: 73.43 lm/w Radiant flux: 9.777 W

Electrical Parameter

Voltage: 230.6 V Current: 0.159 A Wate: 36.00 W Power factor: 0.981

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