



Spectral test report for lamp

Product type : TIRA
Product No. : BLS2835-220V8W-IP65-5M-BF
Manufacturer : BLED

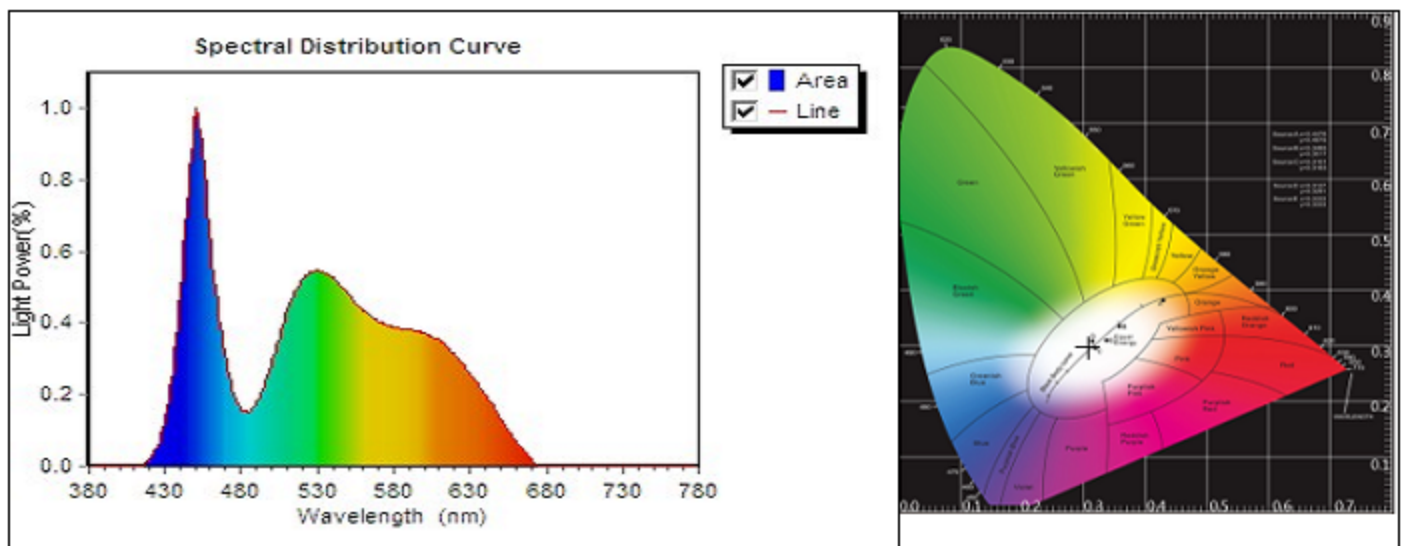
Test date. : 2025-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 42271 (64.5%)
Integral time. : 56ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3024$ $y=0.3394$ $u=0.1870$ $v=0.3149$ ($duv=0.0136$)

Color temperature: $TC=6964$ K Color difference: $SDCM=11.0$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.368$

Peak wavelength: $\lambda_p=450.8$ nm FWHM: $\lambda_p=22.7$ nm Color ratio: $R=13.40\%$ $G=82.30\%$ $B=4.30\%$

Color rendering index (Ra): $Ra=79$

$R1=76.9$ $R2=81.0$ $R3=84.5$ $R4=80.0$ $R5=77.3$ $R6=75.9$ $R7=88.2$ $R8=67.6$

$R9=-11.0$ $R10=55.0$ $R11=77.8$ $R12=46.6$ $R13=78.9$ $R14=91.6$ $R15=70.6$

Optical Parameter

Luminous flux: 3224.75 lm luminous efficiency: 63.86 lm/w Radiant flux: 9.6391 W

Electrical Parameter

Voltage: 229.7 V Current: 0.241 A Wate: 50.50 W Power factor: 0.910

MEASUREFINE

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