



Spectral test report for lamp

Product type : TIRA
Product No. : BLS2835-220V8W-IP65-10M-BN
Manufacturer :

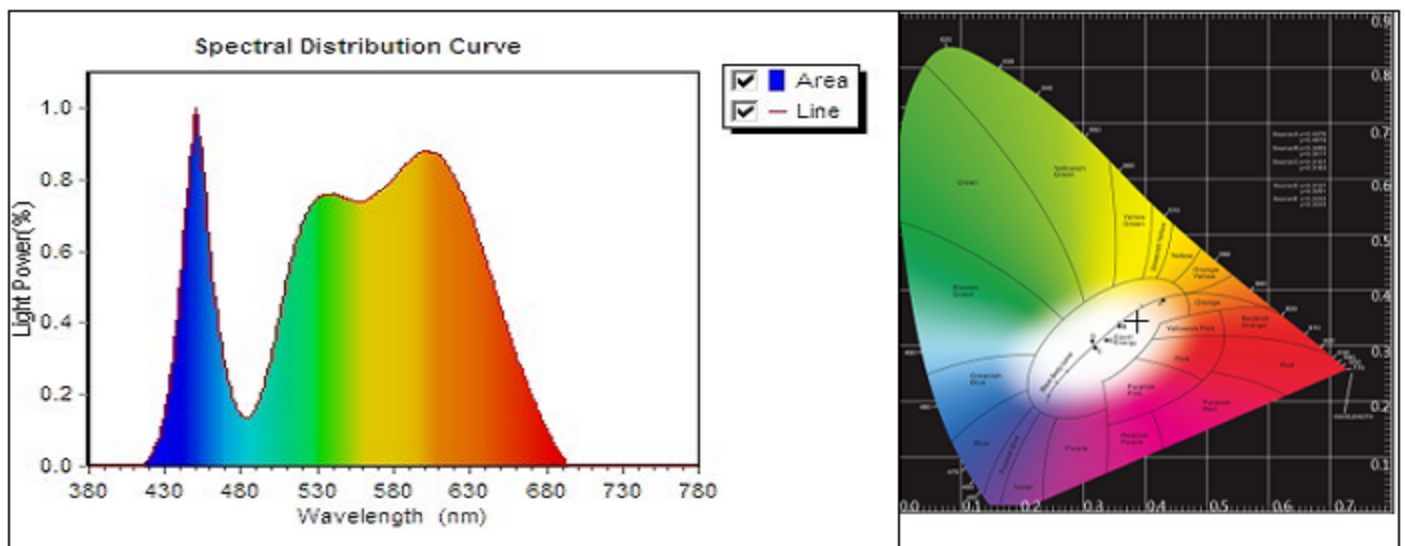
Test date. : 2025-05-14
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 39186 (59.8%)
Integral time. : 39ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3813$ $y=0.3832$ $u=0.2231$ $v=0.3363$ ($duv=0.0027$)

Color temperature: $TC=4023$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.165$

Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\lambda_p=22.5$ nm Color ratio: $R=19.98\%$ $G=77.63\%$ $B=2.39\%$

Color rendering index (Ra): $Ra=82.1$

$R1=82.5$ $R2=85.5$ $R3=87.0$ $R4=84.5$ $R5=81.2$ $R6=80.0$ $R7=87.7$ $R8=68.4$

$R9=11.7$ $R10=64.1$ $R11=83.8$ $R12=52.5$ $R13=83.8$ $R14=92.1$ $R15=76.4$

Optical Parameter

Luminous flux: 6040.279 lm luminous efficiency: 61.32 lm/w Radiant flux: 17.1192 W

Electrical Parameter

Voltage: 229.6 V Current: 0.473 A Wate: 98.50 W Power factor: 0.907

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