



Spectral test report for lamp

Product type : TIRA
Product No. : BLS2835-220V8W-IP65-5M-270
Manufacturer : BLED

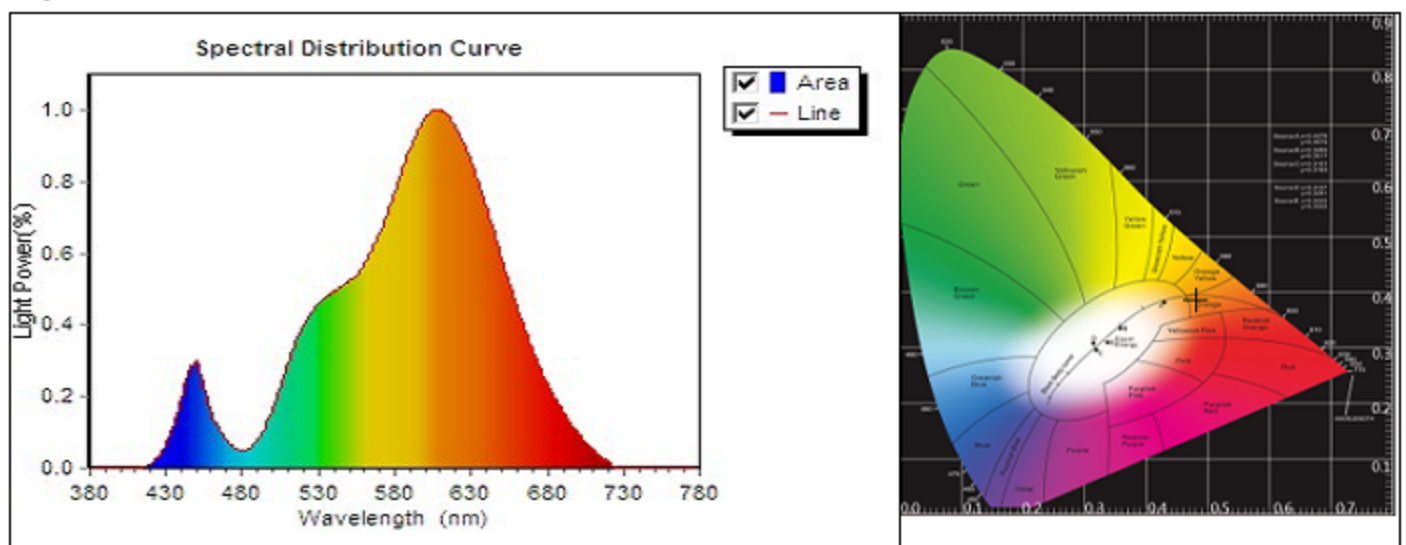
Test date. : 2025-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 43612 (66.5%)
Integral time. : 84ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4749$ $y=0.4219$ $u=0.2671$ $v=0.3559$ ($duv=0.0030$)

Color temperature: $TC=2586$ K Color difference: $SDCM=7.4$ Main Wavelength: $\lambda_d=586.03$ nm Purity: $Purity=0.269$

Peak wavelength: $\lambda_p=607.4$ nm FWHM: $\lambda_p=113.3$ nm Color ratio: $R=27.89\%$ $G=71.09\%$ $B=1.02\%$

Color rendering index (Ra): $Ra=80.5$

$R1=79.2$ $R2=87.2$ $R3=95.1$ $R4=81.1$ $R5=78.0$ $R6=84.4$ $R7=83.0$ $R8=55.7$

$R9=-0.5$ $R10=70.2$ $R11=81.4$ $R12=62.1$ $R13=81.8$ $R14=96.4$ $R15=70.1$

Optical Parameter

Luminous flux: 2844.774 lm luminous efficiency: 58.9 lm/w Radiant flux: 8.1982 W

Electrical Parameter

Voltage: 229.7 V Current: 0.231 A Wate: 48.30 W Power factor: 0.907

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