



Spectral test report for lamp

Product type : TIRA
Product No. : BLS2835-220V8W-IP65-50M-BN
Manufacturer :

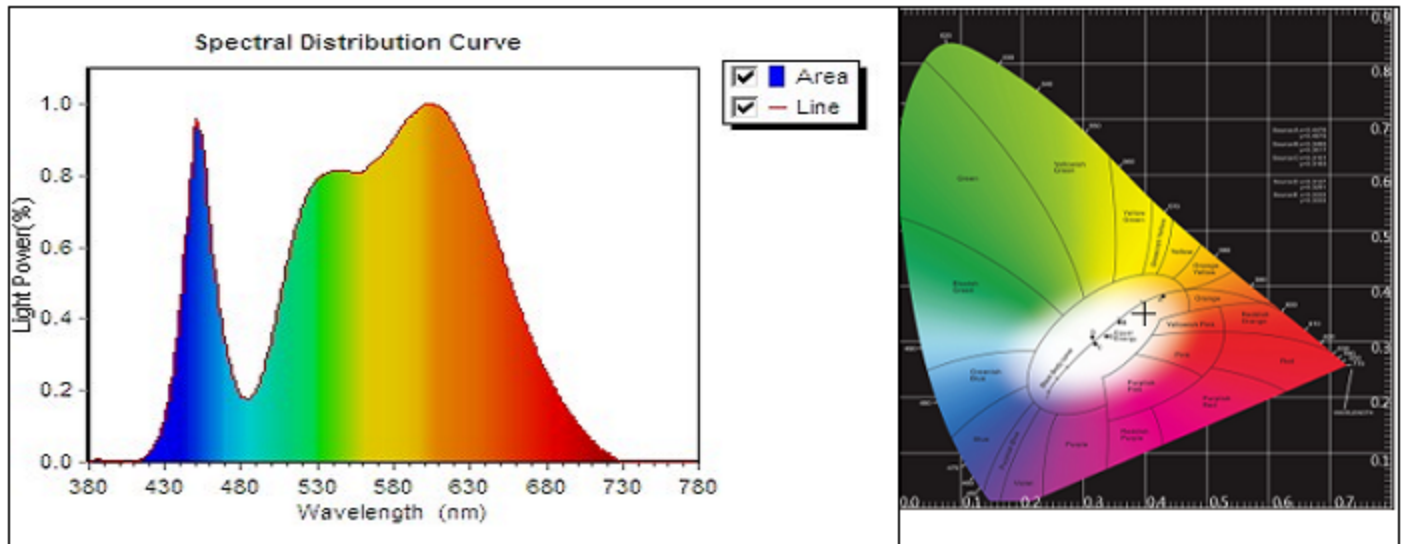
Test date. : 2025-05-14
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 56307 (85.9%)
Integral time. : 19ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3937$ $y=0.3892$ $u=0.2288$ $v=0.3393$ ($duv=0.0021$)

Color temperature: $TC=3756$ K Color difference: $SDCM=6.5$ Main Wavelength: $\lambda_d=486.08$ nm Purity: $Purity=0.133$

Peak wavelength: $\lambda_p=603.0$ nm FWHM: $\lambda_p=149.7$ nm Color ratio: $R=21.15\%$ $G=76.43\%$ $B=2.42\%$

Color rendering index (Ra): $Ra=84.4$

$R1=84.7$ $R2=87.8$ $R3=89.4$ $R4=86.2$ $R5=83.2$ $R6=82.9$ $R7=89.3$ $R8=71.5$

$R9=23.4$ $R10=69.6$ $R11=85.4$ $R12=56.6$ $R13=86.1$ $R14=93.4$ $R15=79.3$

Optical Parameter

Luminous flux: 19751.72 lm luminous efficiency: 55.73 lm/w Radiant flux: 58.3654 W

Electrical Parameter

Voltage: 228.4 V Current: 1.708 A Wate: 354.40 W Power factor: 0.909

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