



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS2835-48V12W-IP20-20M-CCT (BF) (8 CM)
Manufacturer : BLED

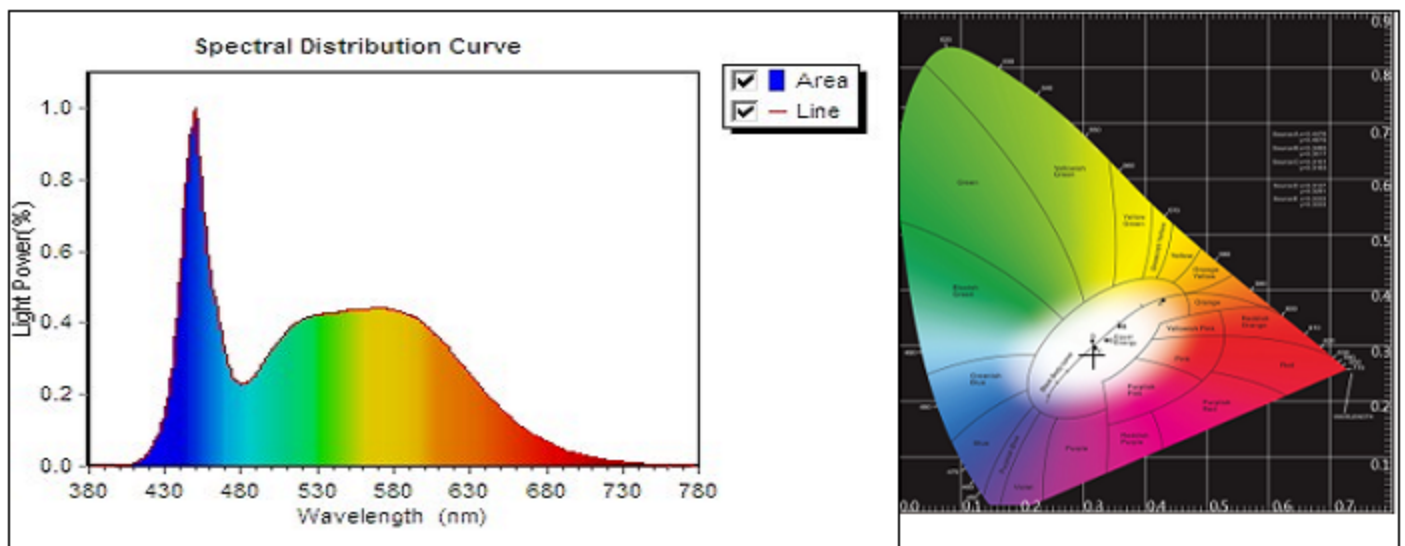
Test date. : 2024-05-06
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56618 (86.4%)
Integral time. : 33ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3104$ $y=0.3246$ $u=0.1979$ $v=0.3104$ ($duv=0.0021$)

Color temperature: $TC=6668$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.362$

Peak wavelength: $\lambda_p=448.9$ nm FWHM: $\lambda_p=21.7$ nm Color ratio: $R=14.53\%$ $G=80.29\%$ $B=5.19\%$

Color rendering index (Ra): $Ra=83.2$

$R1=81.9$ $R2=87.3$ $R3=90.2$ $R4=84.2$ $R5=83.0$ $R6=81.7$ $R7=87.5$ $R8=69.9$

$R9=5.2$ $R10=69.2$ $R11=84.0$ $R12=60.6$ $R13=83.9$ $R14=94.9$ $R15=77.2$

Optical Parameter

Luminous flux: 158.998 lm luminous efficiency: 122.68 lm/w Radiant flux: 0.5144 W

Electrical Parameter

Voltage: 48.0 V Current: 0.027 A Wate: 1.296 W Power factor: 1.000

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