



Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V15W-IP20-10M-RGBCCT (BN) (1
Manufacturer : BLED

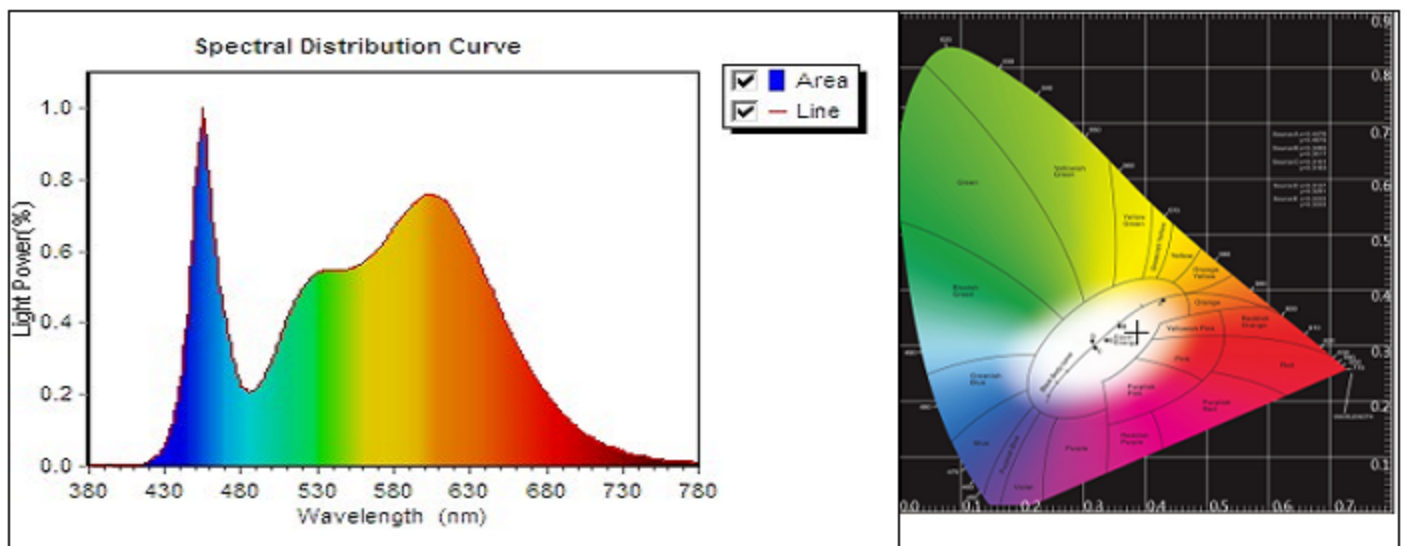
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51847 (79.1%)
Integral time. : 41ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3814$ $y=0.3648$ $u=0.2306$ $v=0.3309$ ($duv=-0.0060$)

Color temperature: $TC=3880$ K Color difference: $SDCM=8.4$ Main Wavelength: $\lambda_d=482.05$ nm Purity: $Purity=0.178$

Peak wavelength: $\lambda_p=454.7$ nm FWHM: $\lambda_p=20.3$ nm Color ratio: $R=21.91\%$ $G=74.57\%$ $B=3.51\%$

Color rendering index (Ra): $Ra=89.4$

$R1=91.0$ $R2=95.5$ $R3=95.8$ $R4=89.0$ $R5=89.9$ $R6=91.2$ $R7=87.8$ $R8=74.5$

$R9=38.8$ $R10=87.1$ $R11=89.2$ $R12=66.2$ $R13=93.5$ $R14=97.7$ $R15=87.1$

Optical Parameter

Luminous flux: 158.108 lm luminous efficiency: 109.8 lm/w Radiant flux: 0.5033 W

Electrical Parameter

Voltage: 48.0 V Current: 0.030 A Watte: 1.44 W Power factor: 1.000

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