



Spectral test report for lamp

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

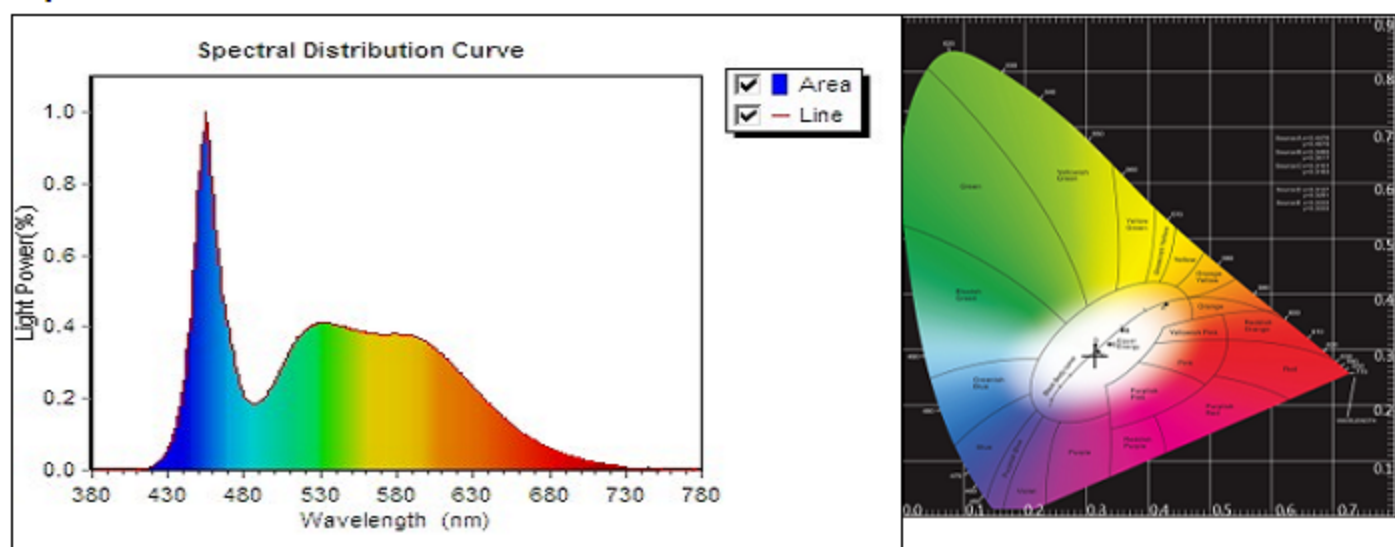
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50024 (76.3%)
Integral time. : 46ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3099$ $y=0.3309$ $u=0.1952$ $v=0.3126$ ($duv=0.0056$)

Color temperature: $TC=6642$ K Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.359$

Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\lambda_p=19.3$ nm Color ratio: $R=14.53\%$ $G=80.20\%$ $B=5.27\%$

Color rendering index (Ra): $Ra=83.6$

$R1=82.5$ $R2=89.3$ $R3=91.7$ $R4=81.9$ $R5=81.6$ $R6=83.1$ $R7=88.4$ $R8=69.6$

$R9=7.4$ $R10=72.4$ $R11=81.3$ $R12=51.0$ $R13=86.0$ $R14=95.8$ $R15=77.5$

Optical Parameter

Luminous flux: 83.792 lm Luminous efficiency: 109.1 lm/w Radiant flux: 0.2661 W

Electrical Parameter

Voltage: 48.0 V Current: 0.016 A Wate: 0.768 W Power factor: 1.000

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