



Spectral test report for lamp

Product type : LED STRIP COB RGB
Product No. : BLSCOB-24V12W-IP67-RGB_B
Manufacturer : BLED -Test 100mm

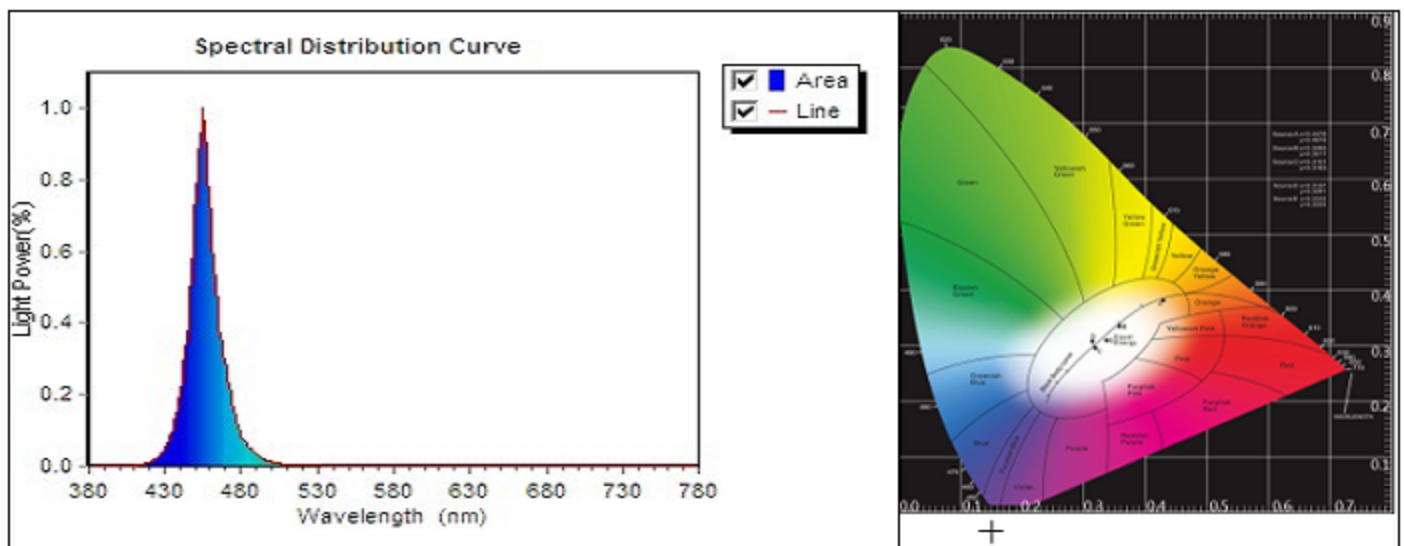
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 52615 (80.3%)
Integral time. : 27ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1484$ $y=0.0326$ $u=0.1918$ $v=0.0633$ ($duv=-0.2091$)

Color temperature: $TC=100000$ K Color difference: $SDCM=118.8$ Main Wavelength: $\lambda_d=471.06$ nm Purity: $Purity=1.011$

Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\lambda_p=16.6$ nm Color ratio: $R=0.41\%$ $G=11.01\%$ $B=88.58\%$

Color rendering index (Ra): $Ra=-62.1$

$R1=-15.6$ $R2=-57.9$ $R3=-161.4$ $R4=-99.3$ $R5=3.1$ $R6=-62.6$ $R7=-59.9$ $R8=-43.2$

$R9=-279.0$ $R10=-255.7$ $R11=-125.8$ $R12=-121.0$ $R13=-40.5$ $R14=-39.3$ $R15=-1.4$

Optical Parameter

Luminous flux: 5.474 lm luminous efficiency: 22.81 lm/w Radiant flux: 0.1273 W

Electrical Parameter

Voltage: 23.99 V Current: 0.010 A Wate: 0.24 W Power factor: 1.000

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