



Spectral test report for lamp

Product type : LED STRIP COB RGBWW
Product No. : BLSCOB-24V19W-IP67-RGBWW_B
Manufacturer : BLED -Test 100mm

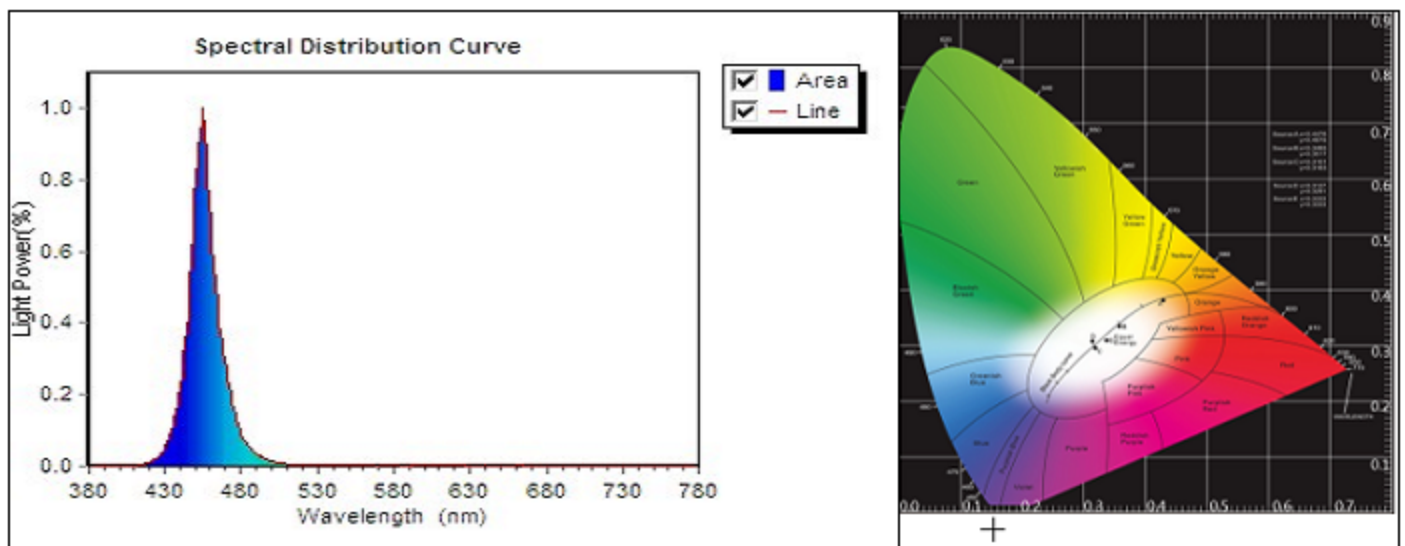
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Opertor. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 52369 (79.9%)
Integral time. : 19ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1518$ $y=0.0368$ $u=0.1934$ $v=0.0704$ ($duv=-0.2020$)

Color temperature: $TC=100000$ K Color difference: $SDCM=117.1$ Main Wavelength: $\lambda_d=471.02$ nm Purity: $Purity=0.999$

Peak wavelength: $\lambda_p=454.3$ nm FWHM: $\lambda_p=17.0$ nm Color ratio: $R=3.27\%$ $G=19.70\%$ $B=77.03\%$

Color rendering index (Ra): $Ra=-47.6$

$R1=24.4$ $R2=-39.0$ $R3=-164.9$ $R4=-94.6$ $R5=32.5$ $R6=-40.0$ $R7=-58.8$ $R8=-40.5$

$R9=-159.1$ $R10=-234.1$ $R11=-114.3$ $R12=-90.0$ $R13=-1.0$ $R14=-37.6$ $R15=29.5$

Optical Parameter

Luminous flux: 9.102 lm luminous efficiency: 21.07 lm/w Radiant flux: 0.1887 W

Electrical Parameter

Voltage: 23.99 V Current: 0.018 A Watte: 0.432 W Power factor: 1.000

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