



Spectral test report for lamp

Product type : LED STRIP COB RGBWW
Product No. : BLSCOB-24V19W-IP20-RGBWW_B
Manufacturer : BLED -Test 100mm

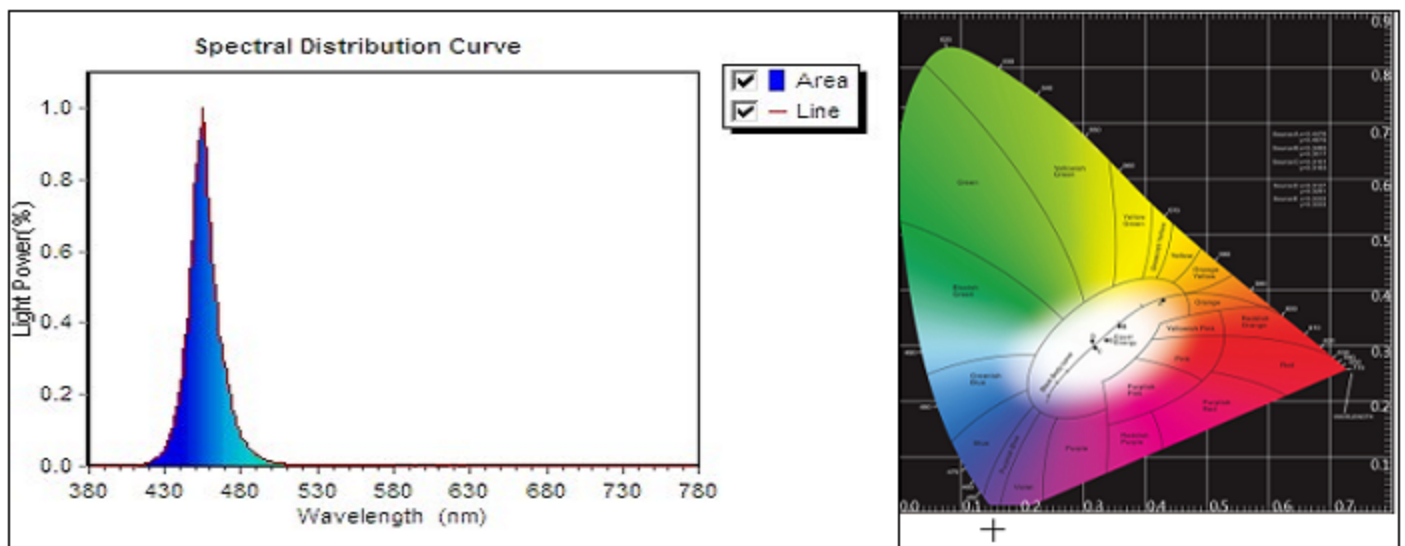
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 55715 (85.0%)
Integral time. : 19ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1517$ $y=0.0360$ $u=0.1939$ $v=0.0691$ ($duv=-0.2034$)

Color temperature: $TC=100000$ K Color difference: $SDCM=117.3$ Main Wavelength: $\lambda_d=471.08$ nm Purity: $Purity=1.001$

Peak wavelength: $\lambda_p=454.2$ nm FWHM: $\lambda_p=17.1$ nm Color ratio: $R=2.84\%$ $G=19.40\%$ $B=77.76\%$

Color rendering index (Ra): $Ra=-48.9$

$R1=20.4$ $R2=-39.3$ $R3=-164.2$ $R4=-96.3$ $R5=29.6$ $R6=-41.0$ $R7=-59.0$ $R8=-41.7$

$R9=-174.3$ $R10=-231.9$ $R11=-116.5$ $R12=-91.3$ $R13=-3.4$ $R14=-37.5$ $R15=26.5$

Optical Parameter

Luminous flux: 9.342 lm luminous efficiency: 21.63 lm/w Radiant flux: 0.1973 W

Electrical Parameter

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

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