



Spectral test report for lamp

Product type : LED STRIP COB RGBCCT
Product No. : BLSCOB-24V19W-IP20-RGBCCT_G
Manufacturer : BLED -Test 83mm

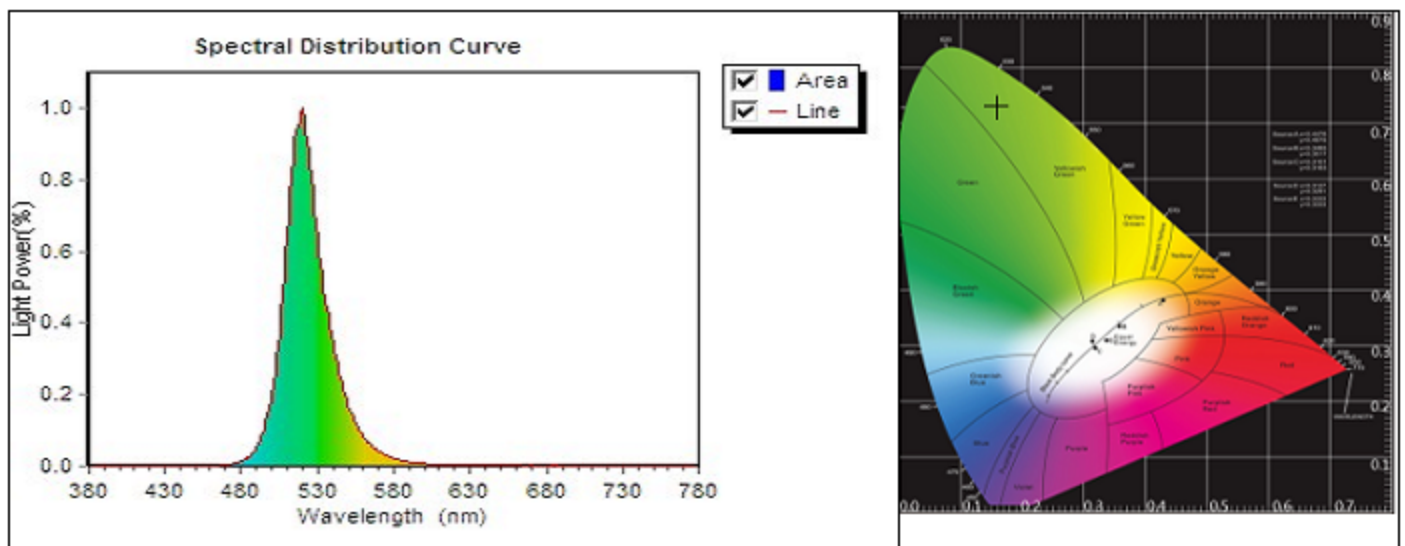
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 56277 (85.9%)
Integral time. : 31ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1569$ $y=0.7402$ $u=0.0543$ $v=0.3839$ ($duv=0.1628$)

Color temperature: $TC=7960$ K Color difference: $SDCM=296.6$ Main Wavelength: $\lambda_d=505.08$ nm Purity: $Purity=0.87$

Peak wavelength: $\lambda_p=519.3$ nm FWHM: $\lambda_p=26.6$ nm Color ratio: $R=0.46\%$ $G=98.56\%$ $B=0.98\%$

Color rendering index (Ra): $Ra=-28.6$

$R1=-35.0$ $R2=-14.6$ $R3=-34.7$ $R4=-66.5$ $R5=-9.4$ $R6=-23.0$ $R7=-12.9$ $R8=-33.0$

$R9=-349.2$ $R10=-121.8$ $R11=-97.1$ $R12=-42.3$ $R13=-40.7$ $R14=32.6$ $R15=-31.7$

Optical Parameter

Luminous flux: 38.705 lm Luminous efficiency: 134.39 lm/w Radiant flux: 0.0799 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0083 A Watto: 0.288 W Power factor: 1.000

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