



Spectral test report for lamp

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

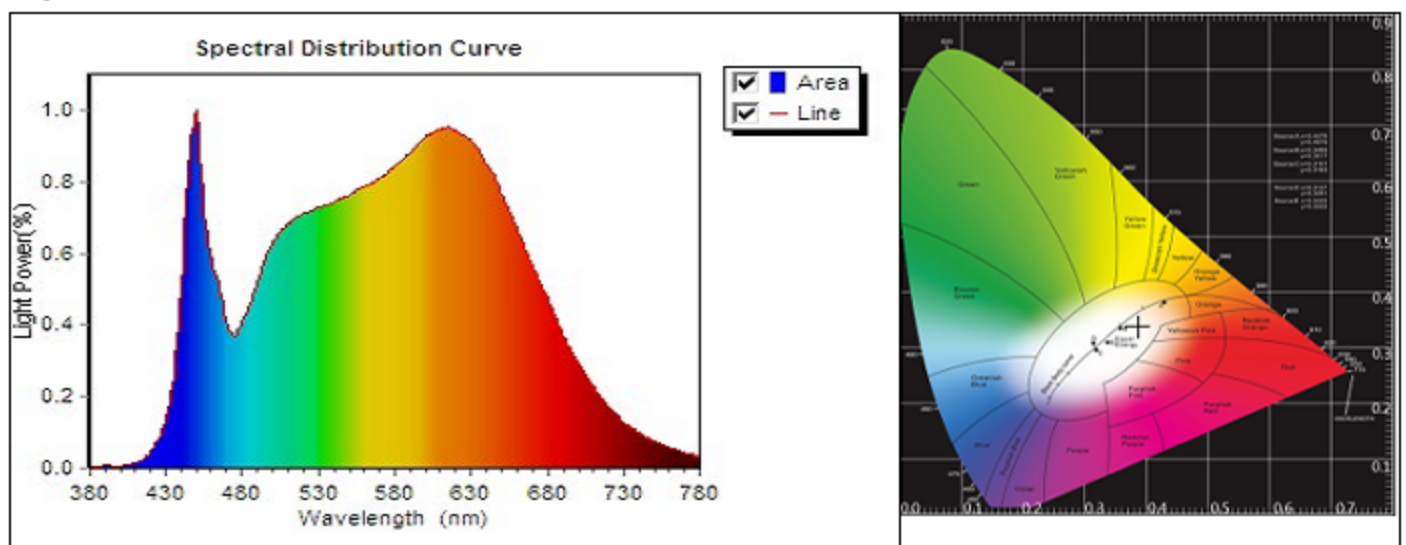
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 51528 (78.6%)
Integral time. : 31ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3826$ $y=0.3777$ $u=0.2262$ $v=0.3349$ ($duv=-0.0002$)

Color temperature: $TC=3948$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.164$

Peak wavelength: $\lambda_p=448.8$ nm FWHM: $\lambda_p=24.9$ nm Color ratio: $R=21.71\%$ $G=74.34\%$ $B=3.95\%$

Color rendering index (Ra): $Ra=95.9$

$R1=96.5$ $R2=98.0$ $R3=98.5$ $R4=97.1$ $R5=96.4$ $R6=96.2$ $R7=95.2$ $R8=89.0$

$R9=72.7$ $R10=95.0$ $R11=97.5$ $R12=81.8$ $R13=97.4$ $R14=99.0$ $R15=93.6$

Optical Parameter

Luminous flux: 65.148 lm Luminous efficiency: 93.6 lm/w Radiant flux: 0.2257 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0201 A Watto: 0.696 W Power factor: 1.000

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