



Spectral test report for lamp

Product type : LED STRIP COB CCT
Product No. : BLSCOB-24V14W-IP20-CCT_CW
Manufacturer : BLED -Test 105mm

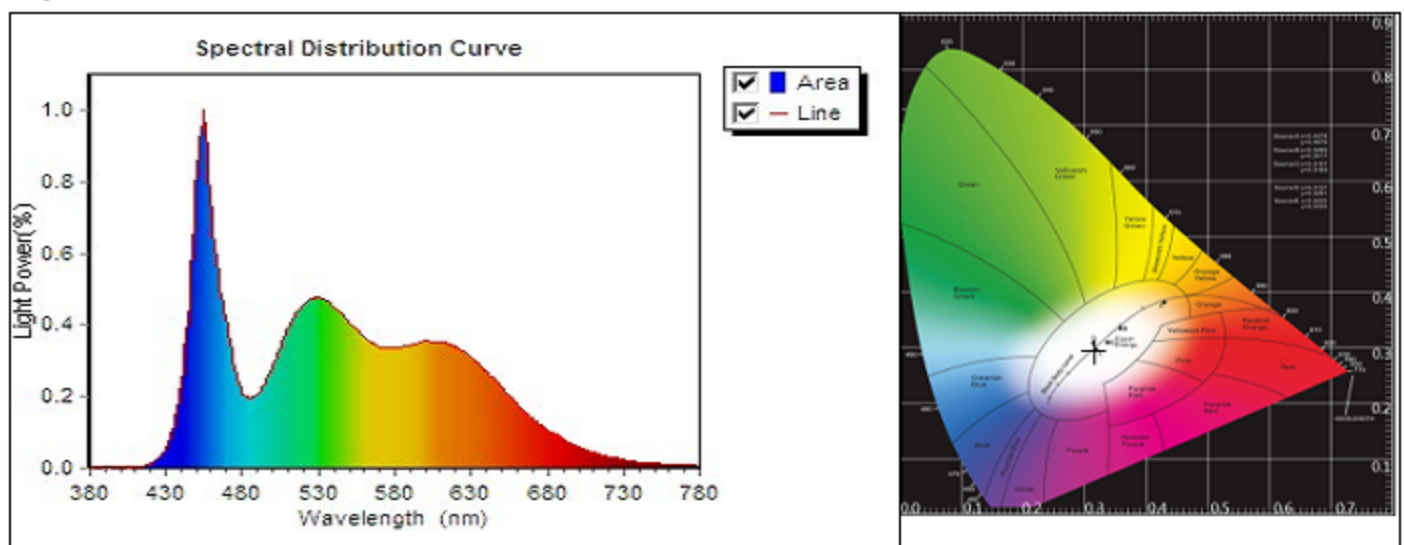
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 52090 (79.5%)
Integral time. : 48ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3117$ $y=0.3354$ $u=0.1948$ $v=0.3144$ ($duv=0.0069$)

Color temperature: $TC=6510$ K Color difference: $SDCM=1.0$ Main Wavelength: $\lambda_d=483.07$ nm Purity: $Purity=0.35$

Peak wavelength: $\lambda_p=454.2$ nm FWHM: $\lambda_p=19.5$ nm Color ratio: $R=16.12\%$ $G=78.68\%$ $B=5.21\%$

Color rendering index (Ra): $Ra=92.1$

$R1=93.8$ $R2=93.4$ $R3=90.3$ $R4=93.4$ $R5=91.0$ $R6=89.0$ $R7=96.5$ $R8=88.7$

$R9=63.7$ $R10=81.5$ $R11=91.0$ $R12=57.5$ $R13=94.9$ $R14=94.4$ $R15=90.9$

Optical Parameter

Luminous flux: 88.377 lm Luminous efficiency: 118.79 lm/w Radiant flux: 0.2961 W

Electrical Parameter

Voltage: 24.0 V Current: 0.031 A Wate: 0.744 W Power factor: 1.000

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