



Spectral test report for lamp

Product type : LED STRIP
Product No. : B1653-IP67-BN
Manufacturer : BLED - Test 100mm

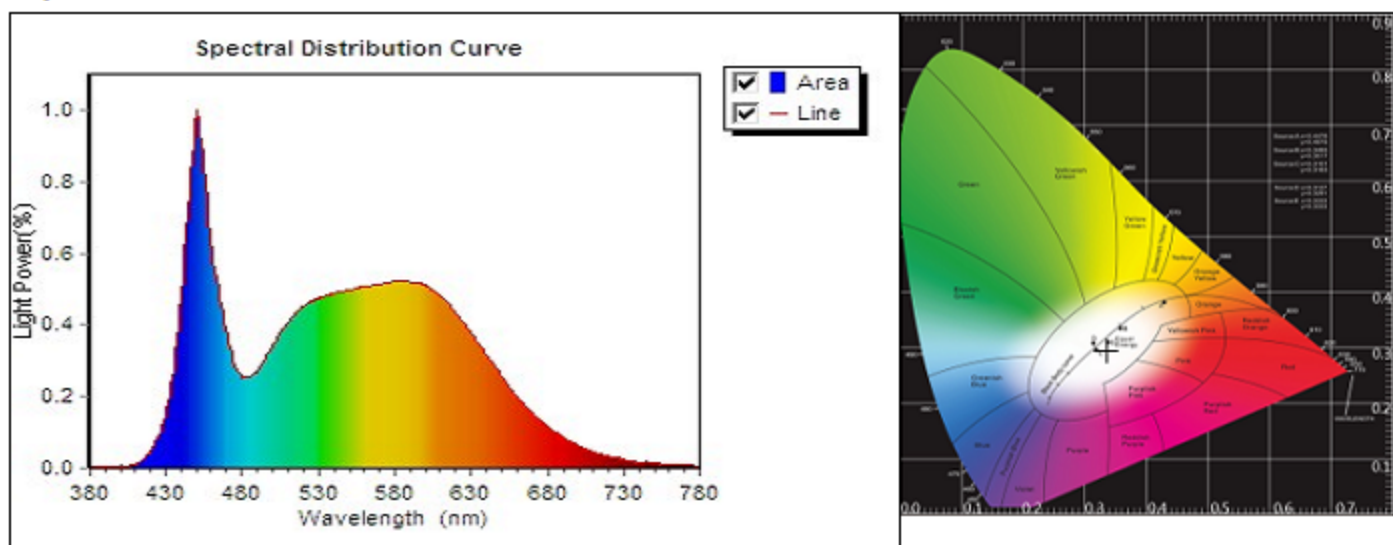
Test date. : 2023-10-13
Test equipment : SPEC2000A Spectrometer
Opertor. : VL-20230515002

Test Condition

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

Humidity : 65%
Peak AD. : 50589 (77.2%)
Integral time. : 50ms

Spectral Parameter



1â€x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3320$ $y=0.3374$ $u=0.2080$ $v=0.3171$ ($duv=-0.0017$)

Color temperature: $TC=5520$ K Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.305$

Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\lambda_p=23.6$ nm Color ratio: $R=16.96\%$ $G=78.33\%$ $B=4.72\%$

Color rendering index (Ra): $Ra=86.8$

$R1=87.1$ $R2=91.0$ $R3=92.0$ $R4=87.5$ $R5=87.4$ $R6=85.9$ $R7=88.4$ $R8=74.6$

$R9=28.0$ $R10=77.3$ $R11=87.5$ $R12=67.8$ $R13=88.5$ $R14=95.6$ $R15=83.9$

Optical Parameter

Luminous flux: 109.467 lm luminous efficiency: 103.66 lm/w Radiant flux: 0.3558 W

Electrical Parameter

Voltage: 24.0 V Current: 0.044 A Watte: 1.056 W Power factor: 1.000

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