



Spectral test report for lamp

Product type : LED STRIP COB RGBWW
Product No. : BLSCOB-24V19W-IP67-RGBWW_R
Manufacturer : BLED -Test 100mm

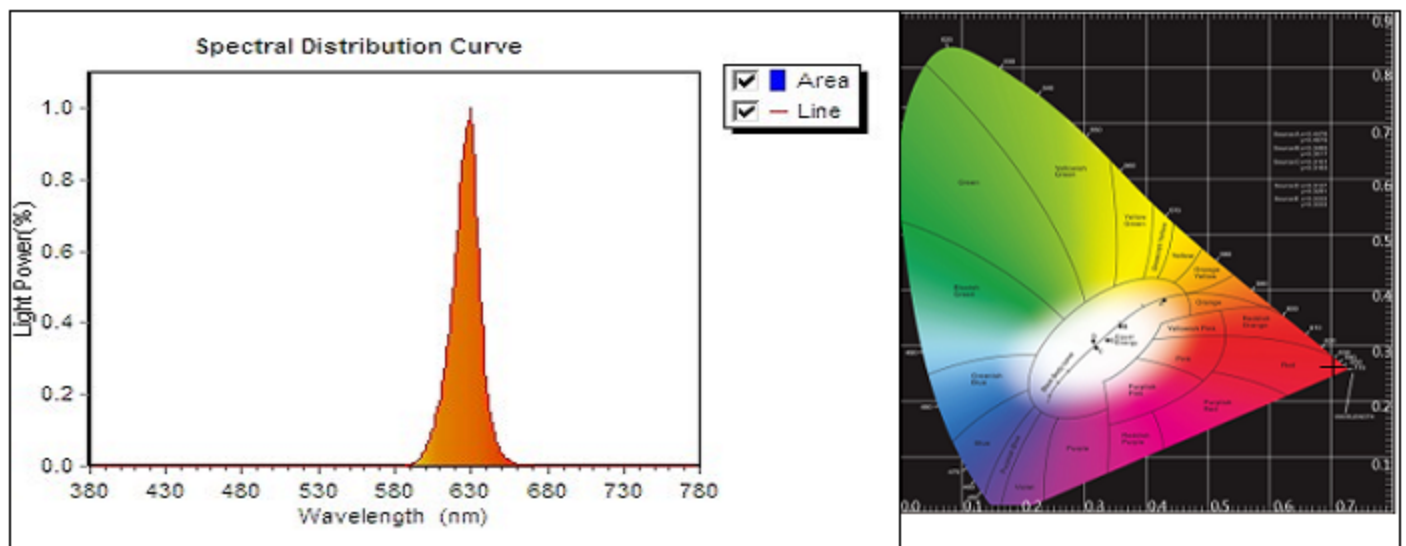
Test date. : 2023-09-27
Test equipment : SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 48762 (74.4%)
Integral time. : 61ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.6936$ $y=0.3062$ $u=0.5248$ $v=0.3475$ ($duv=-0.0770$)

Color temperature: $TC=1000$ K Color difference: $SDCM=191.5$ Main Wavelength: $\lambda_d=493.97$ nm Purity: $Purity=0.627$

Peak wavelength: $\lambda_p=628.5$ nm FWHM: $\lambda_p=17.2$ nm Color ratio: $R=98.65\%$ $G=1.35\%$ $B=0.00\%$

Color rendering index (Ra): $Ra=8.8$

$R1=2.4$ $R2=78.0$ $R3=25.2$ $R4=-33.2$ $R5=-4.4$ $R6=90.4$ $R7=-3.0$ $R8=-85.6$

$R9=-250.7$ $R10=71.1$ $R11=-17.6$ $R12=78.7$ $R13=37.6$ $R14=56.5$ $R15=-45.0$

Optical Parameter

Luminous flux: 12.148 lm Luminous efficiency: 29.77 lm/w Radiant flux: 0.0563 W

Electrical Parameter

Voltage: 23.99 V Current: 0.017 A Wate: 0.408 W Power factor: 1.000

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