



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB RGBWW
Product No. : BLSCOB-24V19W-IP20-RGBWW_G
Manufacturer : BLED -Test 100mm

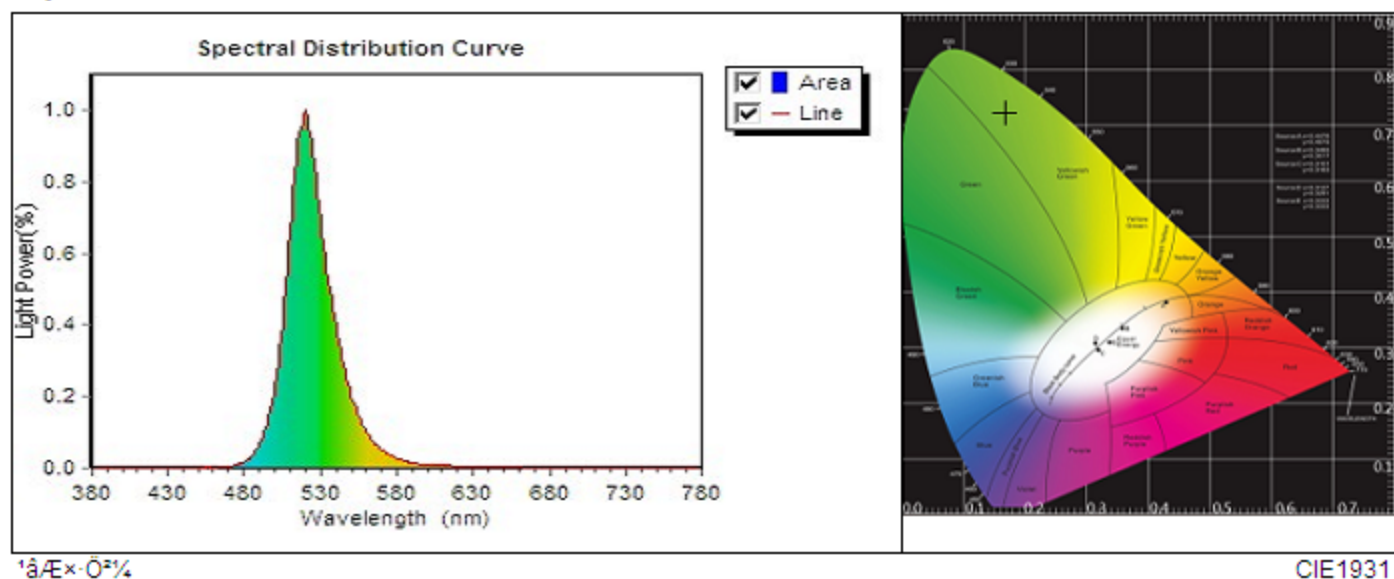
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 49728 (75.9%)
Integral time. : 47ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1652$ $y=0.7337$ $u=0.0576$ $v=0.3837$ ($duv=0.1598$)
Color temperature: $TC=7856$ K Color difference: $SDCM=288.8$ Main Wavelength: $\lambda_d=505.04$ nm Purity: $Purity=0.849$
Peak wavelength: $\lambda_p=519.7$ nm FWHM: $\Delta\lambda_p=29.1$ nm Color ratio: $R=0.55\%$ $G=98.34\%$ $B=1.11\%$

Color rendering index (Ra): $Ra=-26.6$

$R1=-33.7$ $R2=-12.1$ $R3=-30.1$ $R4=-65.3$ $R5=-8.5$ $R6=-19.7$ $R7=-11.2$ $R8=-32.4$
 $R9=-346.7$ $R10=-115.3$ $R11=-95.4$ $R12=-37.5$ $R13=-38.5$ $R14=35.0$ $R15=-31.4$

Optical Parameter

Luminous flux: 50.093 lm Luminous efficiency: 130.45 lm/w Radiant flux: 0.1027 W

Electrical Parameter

Voltage: 23.99 V Current: 0.016 A Watts: 0.384 W Power factor: 1.000

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>