



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB RGB
Product No. : BLSCOB-24V12W-IP67-RGB_G
Manufacturer : BLED -Test 100mm

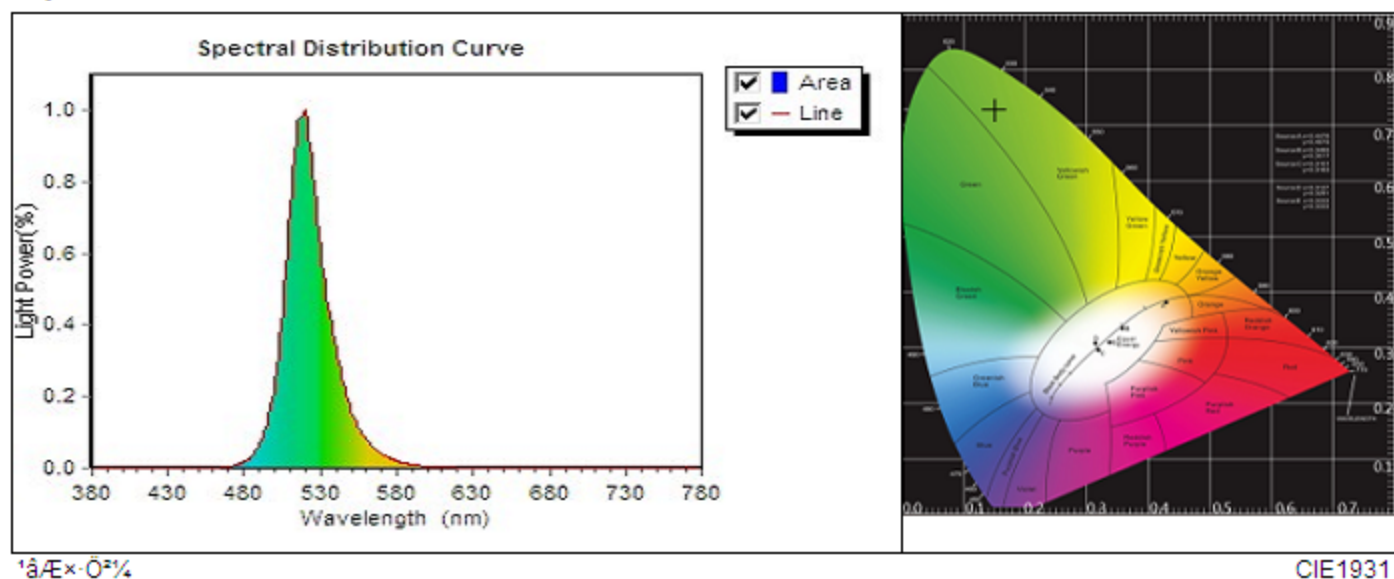
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 50183 (76.6%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1483$ $y=0.7388$ $u=0.0513$ $v=0.3832$ ($duv=0.1650$)
Color temperature: $TC=8110$ K Color difference: $SDCM=300.7$ Main Wavelength: $\lambda_d=505.08$ nm Purity: Purity=0.879
Peak wavelength: $\lambda_p=518.3$ nm FWHM: $\Delta\lambda_p=26.8$ nm Color ratio: R=0.27% G=98.52% B=1.21%

Color rendering index (Ra): $Ra=-29.2$

$R1=-36.6$ $R2=-14.7$ $R3=-34.6$ $R4=-67.4$ $R5=-10.3$ $R6=-23.3$ $R7=-13.0$ $R8=-34.1$
 $R9=-358.4$ $R10=-121.8$ $R11=-97.7$ $R12=-41.8$ $R13=-42.2$ $R14=32.7$ $R15=-32.8$

Optical Parameter

Luminous flux: 70.332 lm Luminous efficiency: 139.55 lm/w Radiant flux: 0.1478 W

Electrical Parameter

Voltage: 23.99 V Current: 0.021 A Watte: 0.504 W Power factor: 1.000

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