



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB -
Product No. : BLSCOB-24V12W-IP20-RGB_G
Manufacturer : BLED -Test 10cm

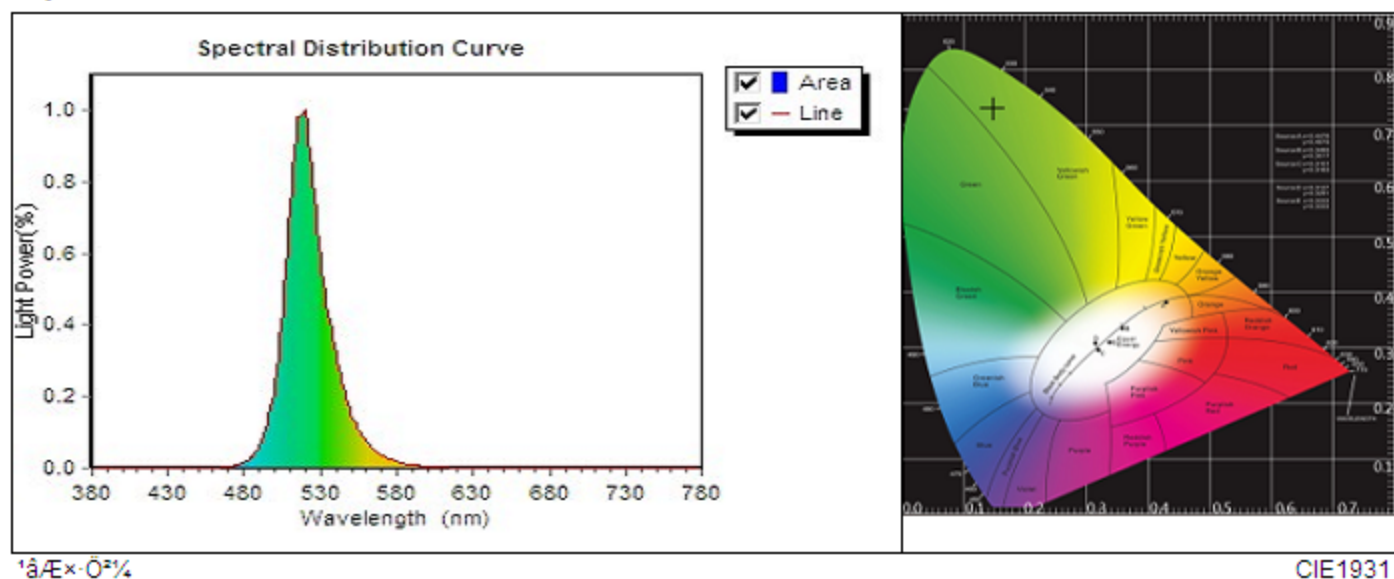
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 56931 (86.9%)
Integral time. : 34ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1450$ $y=0.7410$ $u=0.0500$ $v=0.3832$ ($duv=0.1662$)
Color temperature: $TC=8152$ K Color difference: $SDCM=303.6$ Main Wavelength: $\lambda_d=504.02$ nm Purity: $Purity=0.905$
Peak wavelength: $\lambda_p=518.0$ nm FWHM: $\lambda_p=25.7$ nm Color ratio: $R=0.23\%$ $G=98.57\%$ $B=1.20\%$

Color rendering index (Ra): $Ra=-30.3$

$R1=-37.1$ $R2=-15.8$ $R3=-36.8$ $R4=-68.5$ $R5=-10.6$ $R6=-24.6$ $R7=-14.5$ $R8=-34.8$
 $R9=-359.6$ $R10=-124.6$ $R11=-98.9$ $R12=-43.7$ $R13=-43.0$ $R14=31.5$ $R15=-33.0$

Optical Parameter

Luminous flux: 69.897 lm Luminous efficiency: 145.62 lm/w Radiant flux: 0.1473 W

Electrical Parameter

Voltage: 24.0 V Current: 0.020 A Watto: 0.48 W Power factor: 1.000

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