



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_R+G+B
Manufacturer : BLED -Test 100mm

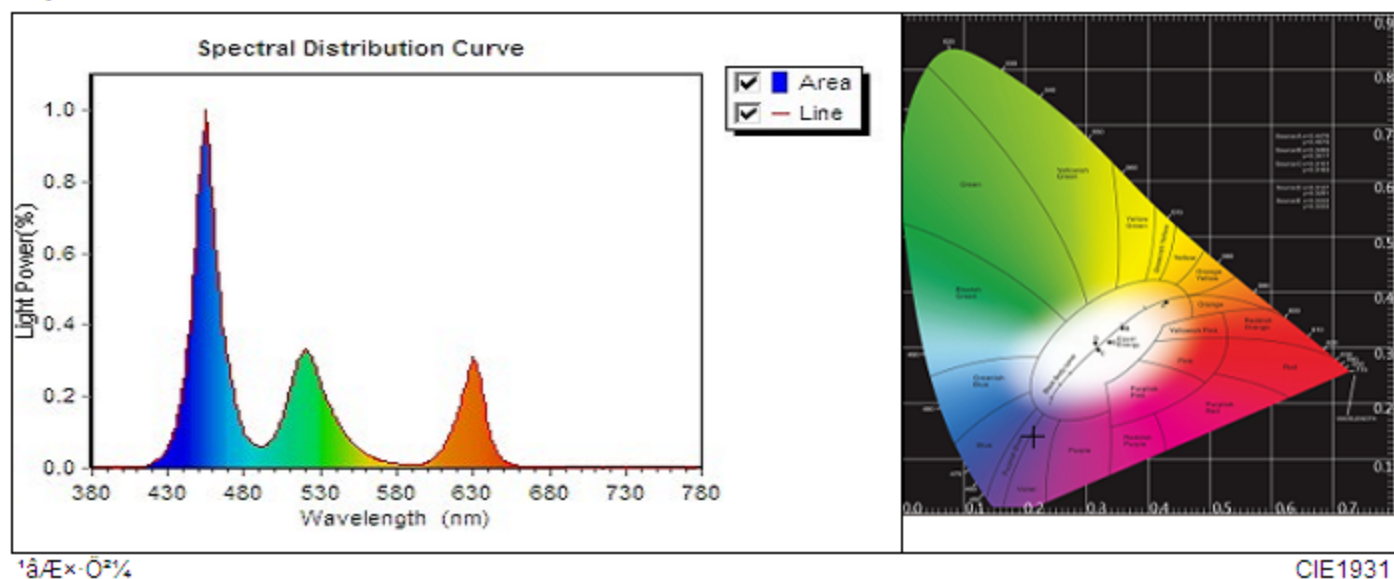
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 54331 (82.9%)
Integral time. : 19ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2101$ $y=0.1941$ $u=0.1712$ $v=0.2372$ ($duv=-0.0367$)
Color temperature: $TC=100000$ K Color difference: $SDCM=73.4$ Main Wavelength: $\lambda_d=478.02$ nm Purity: $Purity=0.699$
Peak wavelength: $\lambda_p=454.5$ nm FWHM: $\Delta\lambda_p=17.0$ nm Color ratio: $R=16.47\%$ $G=72.23\%$ $B=11.30\%$

Color rendering index (Ra): $Ra=75.8$

$R1=66.6$ $R2=80.0$ $R3=90.9$ $R4=80.9$ $R5=80.5$ $R6=78.2$ $R7=81.5$ $R8=47.7$
 $R9=-104.8$ $R10=53.7$ $R11=51.7$ $R12=68.3$ $R13=61.1$ $R14=91.1$ $R15=47.5$

Optical Parameter

Luminous flux: 71.568 lm Luminous efficiency: 59.64 lm/w Radiant flux: 0.3626 W

Electrical Parameter

Voltage: 24.0 V Current: 0.050 A Watto: 1.20 W Power factor: 1.000

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