



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

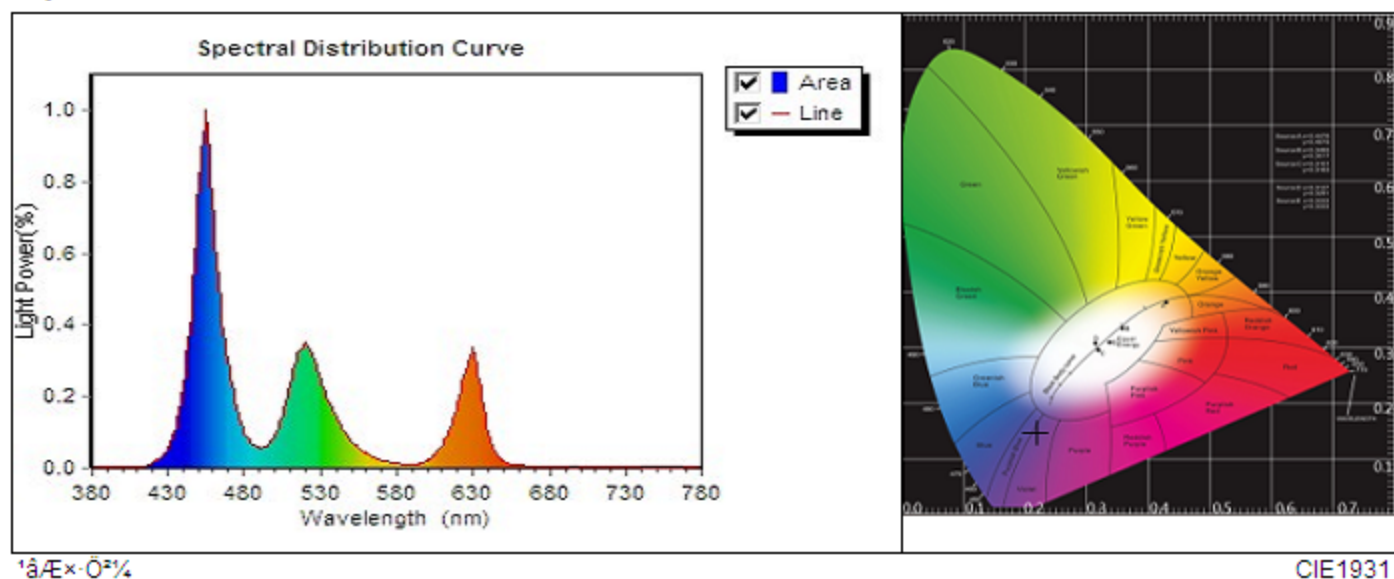
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 51631 (78.8%)
Integral time. : 20ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2149$ $y=0.2008$ $u=0.1726$ $v=0.2419$ ($duv=-0.0318$)
Color temperature: $TC=100000$ K Color difference: $SDCM=70.2$ Main Wavelength: $\lambda_d=478.09$ nm Purity: $Purity=0.681$
Peak wavelength: $\lambda_p=454.5$ nm FWHM: $\Delta\lambda_p=17.0$ nm Color ratio: $R=17.33\%$ $G=72.01\%$ $B=10.66\%$

Color rendering index (Ra): $Ra=74.1$

$R1=63.2$ $R2=80.9$ $R3=88.8$ $R4=76.1$ $R5=78.4$ $R6=79.4$ $R7=80.7$ $R8=44.8$
 $R9=-108.3$ $R10=56.1$ $R11=48.7$ $R12=66.8$ $R13=60.2$ $R14=89.5$ $R15=44.9$

Optical Parameter

Luminous flux: 67.491 lm Luminous efficiency: 56.24 lm/w Radiant flux: 0.3331 W

Electrical Parameter

Voltage: 23.99 V Current: 0.050 A Watts: 1.20 W Power factor: 1.000

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