



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
Manufacturer : BLED -Test 100mm

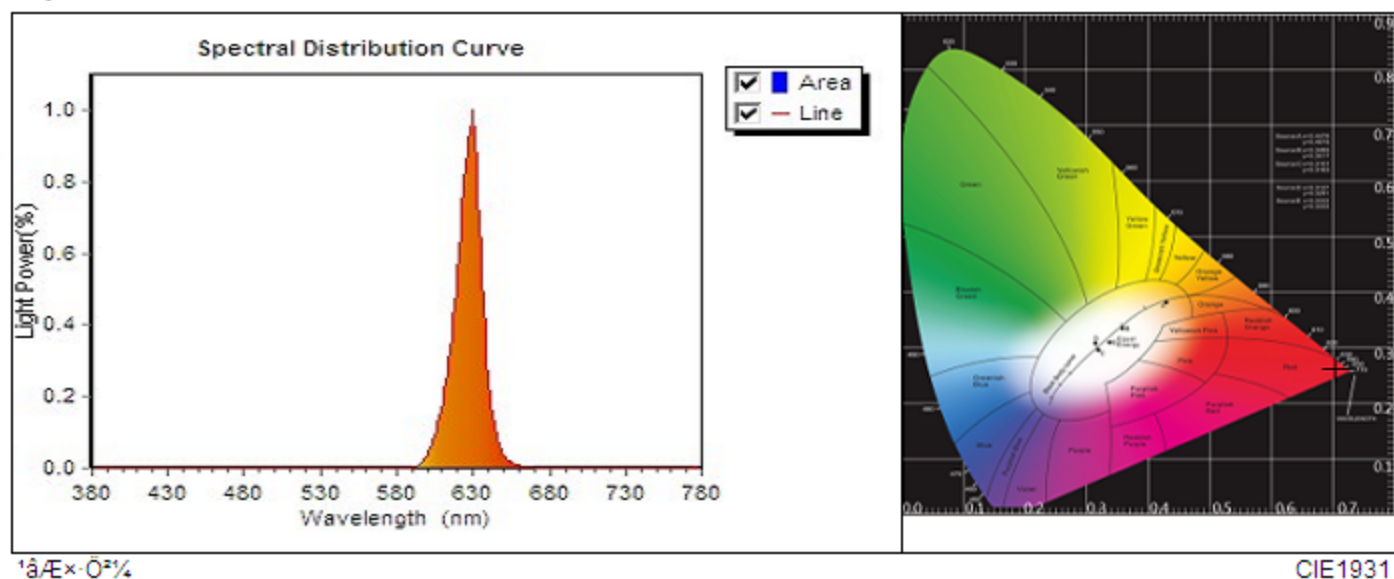
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 35169 (53.7%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6946$ $y=0.3051$ $u=0.5270$ $v=0.3472$ ($duv=-0.0792$)

Color temperature: $TC=1000$ K Color difference: $SDCM=192.5$ Main Wavelength: $\lambda_d=493.94$ nm Purity: Purity=0.63

Peak wavelength: $\lambda_p=628.9$ nm FWHM: $\Delta\lambda_p=16.7$ nm Color ratio: $R=98.92\%$ $G=1.07\%$ $B=0.01\%$

Color rendering index (Ra): $R_a=8.4$

$R1=2.2$ $R2=78.2$ $R3=24.9$ $R4=-33.8$ $R5=-4.6$ $R6=90.7$ $R7=-4.0$ $R8=-87.2$

$R9=-253.8$ $R10=71.4$ $R11=-18.2$ $R12=78.6$ $R13=37.8$ $R14=56.3$ $R15=-45.7$

Optical Parameter

Luminous flux: 12.679 lm Luminous efficiency: 31.08 lm/w Radiant flux: 0.0598 W

Electrical Parameter

Voltage: 24.0 V Current: 0.017 A Watto: 0.408 W Power factor: 1.000

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