



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB IC
Product No. : BLSCOB-24V12W-IC-IP20-RGB_R
Manufacturer : BLED -Test 80mm

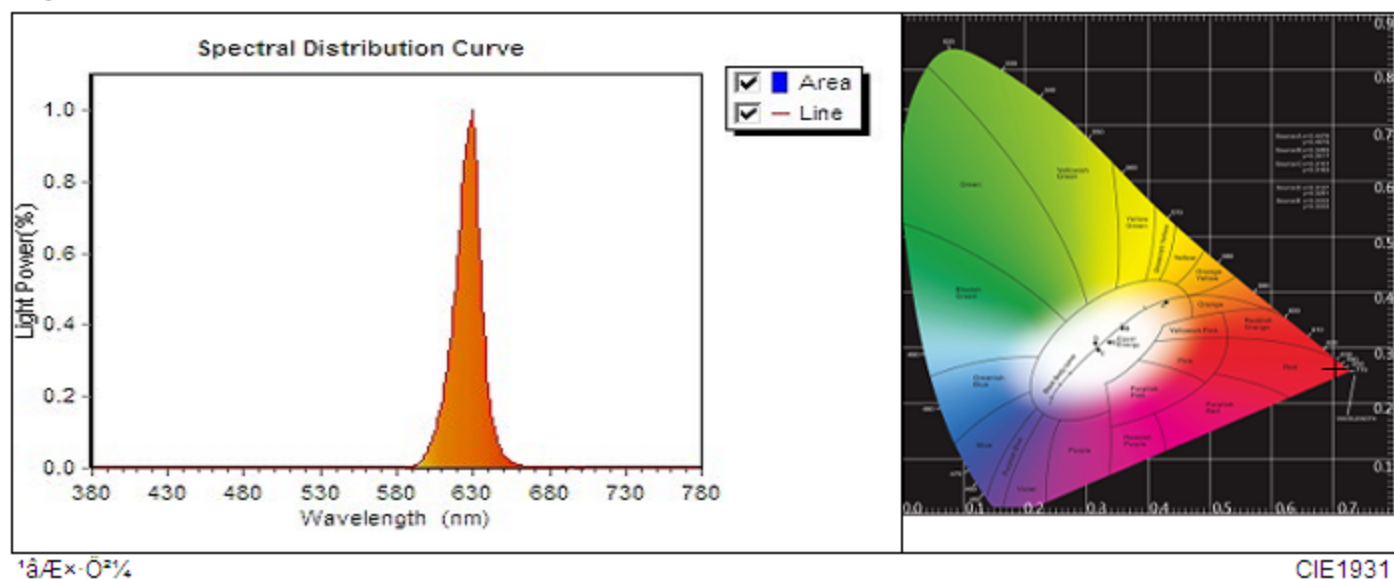
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 42894 (65.5%)
Integral time. : 67ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6925$ $y=0.3066$ $u=0.5232$ $v=0.3475$ ($duv=-0.0754$)
Color temperature: $TC=1000$ K Color difference: $SDCM=190.6$ Main Wavelength: $\lambda_d=493.98$ nm Purity: $Purity=0.624$
Peak wavelength: $\lambda_p=628.4$ nm FWHM: $\Delta\lambda_p=16.1$ nm Color ratio: $R=98.23\%$ $G=1.76\%$ $B=0.01\%$

Color rendering index (Ra): $Ra=11.9$

$R1=6.1$ $R2=79.7$ $R3=26.6$ $R4=-27.5$ $R5=0.7$ $R6=92.2$ $R7=-1.4$ $R8=-81.6$
 $R9=-242.9$ $R10=74.1$ $R11=-10.0$ $R12=77.2$ $R13=40.8$ $R14=57.6$ $R15=-40.9$

Optical Parameter

Luminous flux: 9.503 lm luminous efficiency: 19.8 lm/w Radiant flux: 0.0441 W

Electrical Parameter

Voltage: 23.99 V Current: 0.020 A Watte: 0.48 W Power factor: 1.000

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