



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB RGB CCT
Product No. : BLSCOB-24V19W-IP20-RGB CCT_R
Manufacturer : BLED -Test 83mm

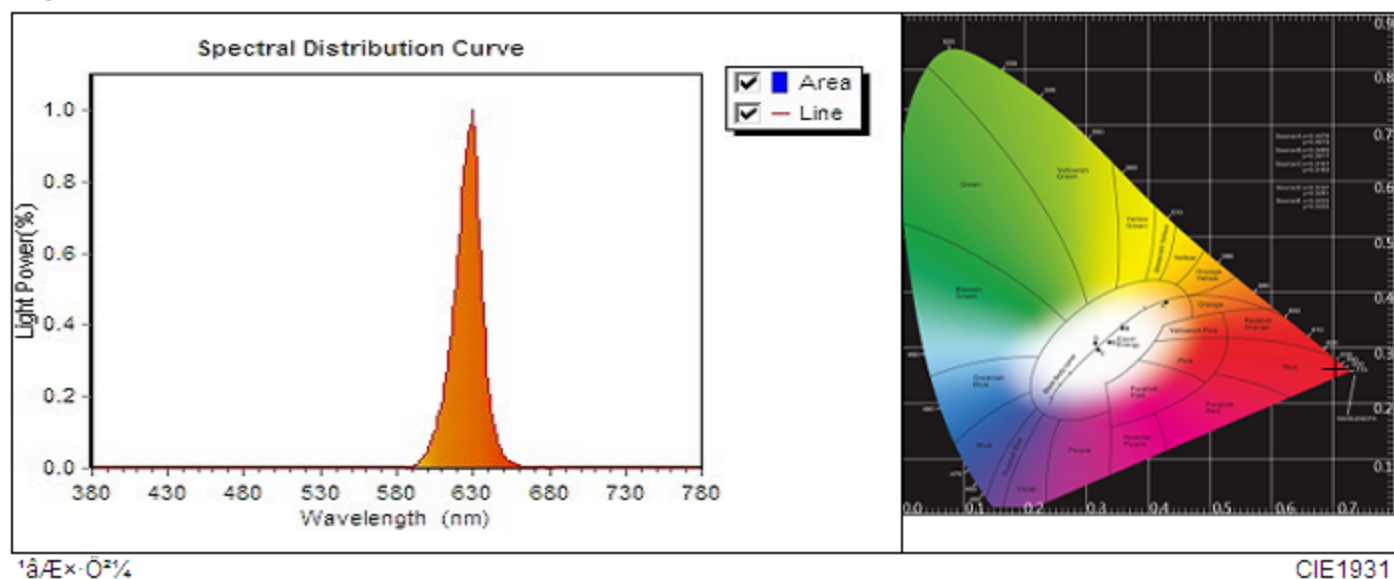
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 48014 (73.3%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6928$ $y=0.3066$ $u=0.5235$ $v=0.3475$ ($duv=-0.0757$)
Color temperature: $TC=1000$ K Color difference: $SDCM=190.8$ Main Wavelength: $\lambda_d=493.98$ nm Purity: Purity=0.625
Peak wavelength: $\lambda_p=628.6$ nm FWHM: $\Delta\lambda_p=17.2$ nm Color ratio: $R=98.23\%$ $G=1.77\%$ $B=0.01\%$

Color rendering index (Ra): $Ra=11.4$

$R1=5.2$ $R2=79.1$ $R3=26.8$ $R4=-28.9$ $R5=-0.6$ $R6=91.6$ $R7=-1.2$ $R8=-81.5$
 $R9=-243.0$ $R10=72.9$ $R11=-12.3$ $R12=78.3$ $R13=39.8$ $R14=57.7$ $R15=-41.5$

Optical Parameter

Luminous flux: 9.027 lm luminous efficiency: 28.93 lm/w Radiant flux: 0.0419 W

Electrical Parameter

Voltage: 23.99 V Current: 0.009 A Watts: 0.312 W Power factor: 1.000

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