



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-BC
Manufacturer : BLED -Test 80mm

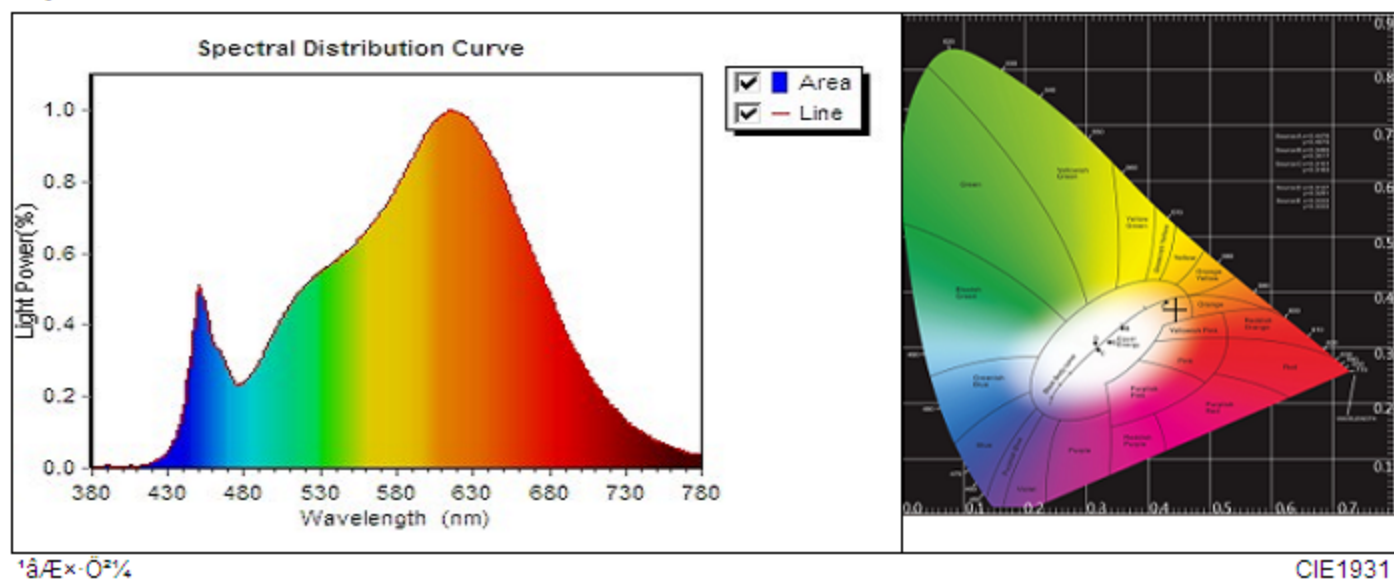
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 51668 (78.8%)
Integral time. : 129ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4384$ $y=0.4055$ $u=0.2509$ $v=0.3481$ ($duv=0.0004$)
Color temperature: $TC=2987$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=488.03$ nm Purity: $Purity=0.022$
Peak wavelength: $\lambda_p=615.7$ nm FWHM: $\Delta\lambda_p=161.1$ nm Color ratio: $R=26.08\%$ $G=71.29\%$ $B=2.63\%$

Color rendering index (Ra): $Ra=93.2$

$R1=93.4$ $R2=97.2$ $R3=99.0$ $R4=93.6$ $R5=93.4$ $R6=96.7$ $R7=91.3$ $R8=80.4$
 $R9=56.1$ $R10=92.8$ $R11=95.4$ $R12=82.4$ $R13=95.1$ $R14=99.5$ $R15=88.4$

Optical Parameter

Luminous flux: 54.367 lm Luminous efficiency: 49.25 lm/w Radiant flux: 0.1865 W

Electrical Parameter

Voltage: 23.99 V Current: 0.046 A Watts: 1.104 W Power factor: 1.000

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