



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-BF
Manufacturer : BLED -Test 80mm

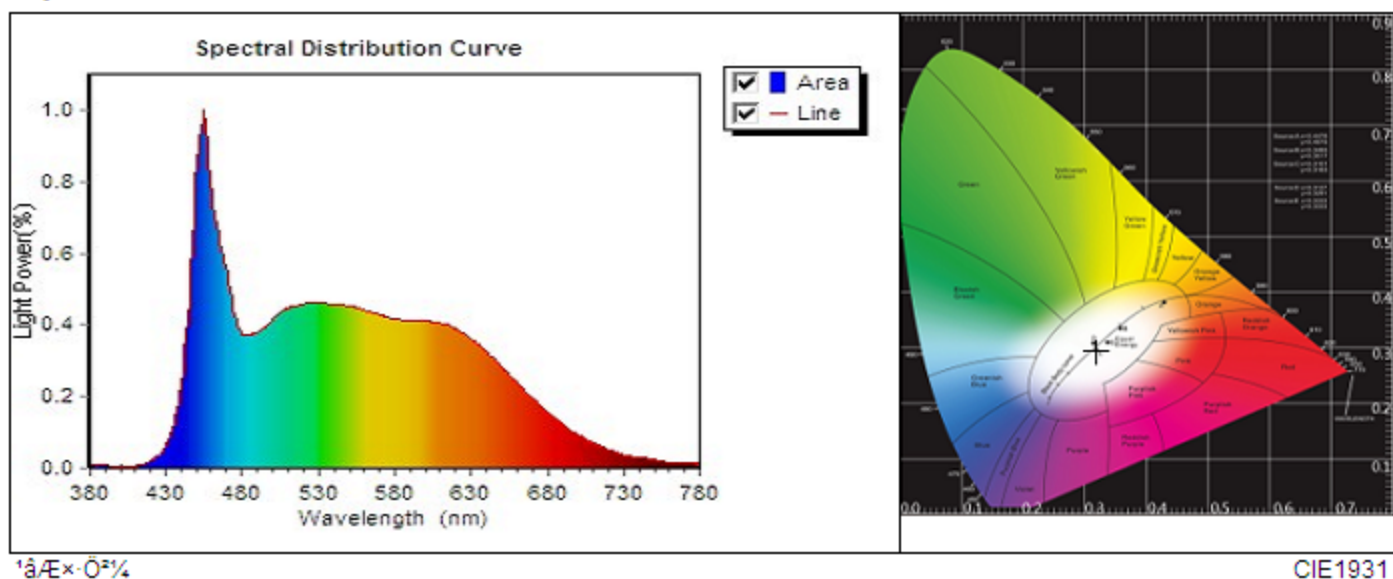
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 50943 (77.7%)
Integral time. : 67ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3156$ $y=0.3356$ $u=0.1974$ $v=0.3148$ ($duv=0.0051$)
Color temperature: $TC=6310$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=483.08$ nm Purity: $Purity=0.342$
Peak wavelength: $\lambda_p=454.3$ nm FWHM: $\Delta\lambda_p=26.5$ nm Color ratio: $R=16.41\%$ $G=77.17\%$ $B=6.42\%$

Color rendering index (Ra): $Ra=93.5$

$R1=94.9$ $R2=99.4$ $R3=97.3$ $R4=90.2$ $R5=92.5$ $R6=94.9$ $R7=91.7$ $R8=86.6$
 $R9=69.3$ $R10=97.1$ $R11=92.8$ $R12=68.1$ $R13=97.7$ $R14=99.0$ $R15=91.6$

Optical Parameter

Luminous flux: 71.782 lm Luminous efficiency: 65.02 lm/w Radiant flux: 0.2504 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>