



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB -
Product No. : BLSCOB-24V12W-IP20-RGB_B
Manufacturer : BLED -Test 10cm

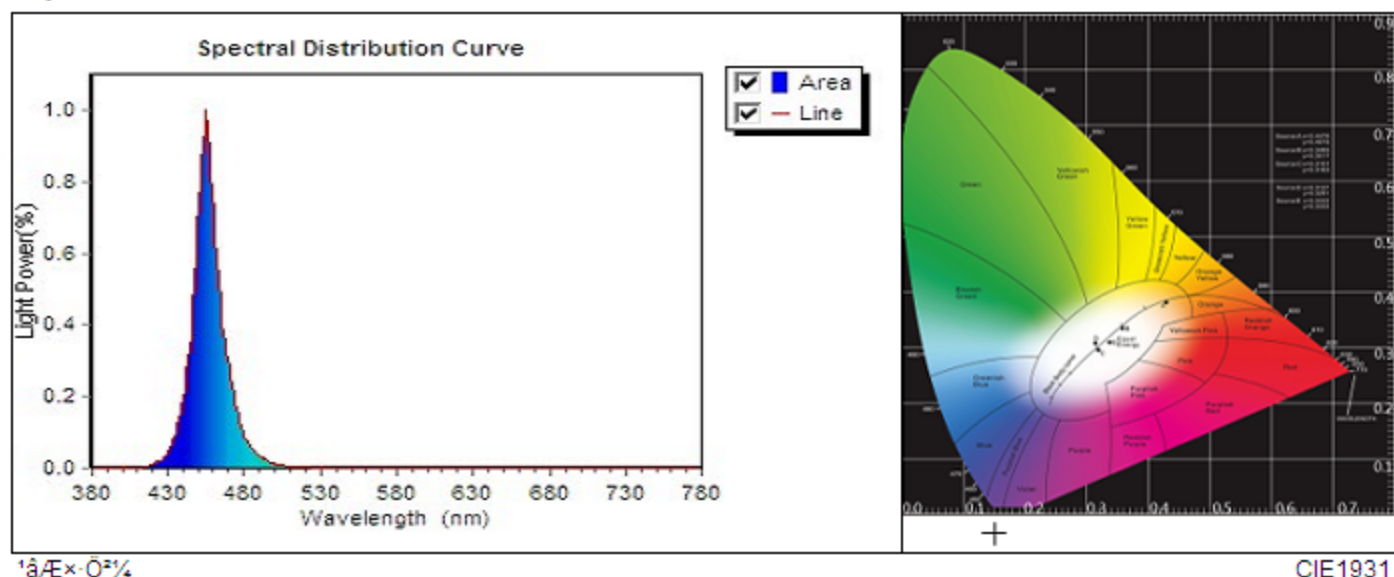
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 53767 (82.0%)
Integral time. : 27ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1479$ $y=0.0332$ $u=0.1908$ $v=0.0641$ ($duv=-0.2082$)
Color temperature: $TC=100000$ K Color difference: $SDCM=118.8$ Main Wavelength: $\lambda_d=471.04$ nm Purity: Purity=1.01
Peak wavelength: $\lambda_p=454.8$ nm FWHM: $\lambda_p=16.3$ nm Color ratio: R=0.38% G=10.89% B=88.73%

Color rendering index (Ra): $R_a=-62.1$

$R1=-15.7$ $R2=-58.3$ $R3=-161.4$ $R4=-98.7$ $R5=2.9$ $R6=-63.0$ $R7=-59.8$ $R8=-42.9$
 $R9=-278.9$ $R10=-257.0$ $R11=-125.3$ $R12=-121.1$ $R13=-40.8$ $R14=-39.4$ $R15=-1.7$

Optical Parameter

Luminous flux: 5.651 lm luminous efficiency: 23.55 lm/w Radiant flux: 0.1297 W

Electrical Parameter

Voltage: 24.0 V Current: 0.010 A Watto: 0.24 W Power factor: 1.000

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