



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_B
Manufacturer : BLED -Test 83mm

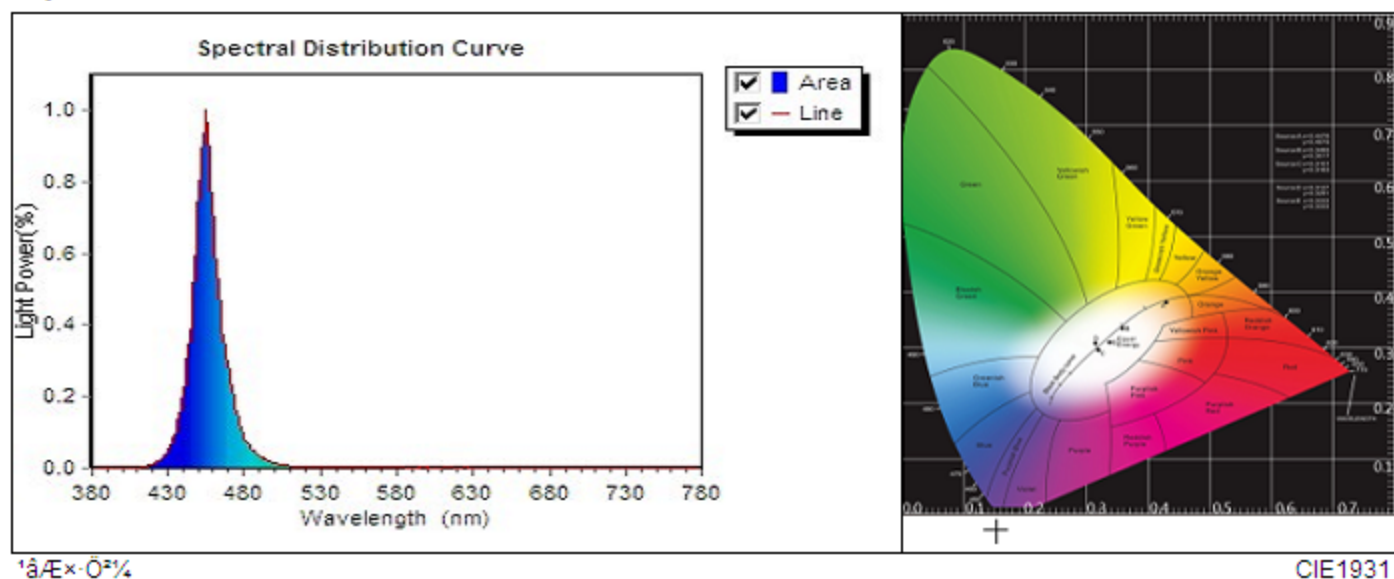
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 52803 (80.6%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1513$ $y=0.0371$ $u=0.1926$ $v=0.0708$ ($duv=-0.2016$)
Color temperature: $TC=100000$ K Color difference: $SDCM=117.1$ Main Wavelength: $\lambda_d=471.07$ nm Purity: $Purity=0.999$
Peak wavelength: $\lambda_p=454.5$ nm FWHM: $\lambda_p=16.7$ nm Color ratio: $R=2.81\%$ $G=20.19\%$ $B=77.00\%$

Color rendering index (Ra): $Ra=-48.1$

$R1=20.4$ $R2=-37.9$ $R3=-162.5$ $R4=-95.7$ $R5=29.8$ $R6=-39.7$ $R7=-58.1$ $R8=-41.2$
 $R9=-174.0$ $R10=-228.6$ $R11=-116.1$ $R12=-89.0$ $R13=-2.7$ $R14=-36.7$ $R15=26.5$

Optical Parameter

Luminous flux: 4.993 lm luminous efficiency: 23.12 lm/w Radiant flux: 0.1027 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0063 A Watte: 0.216 W Power factor: 1.000

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