



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_CW
Manufacturer : BLED -Test 83mm

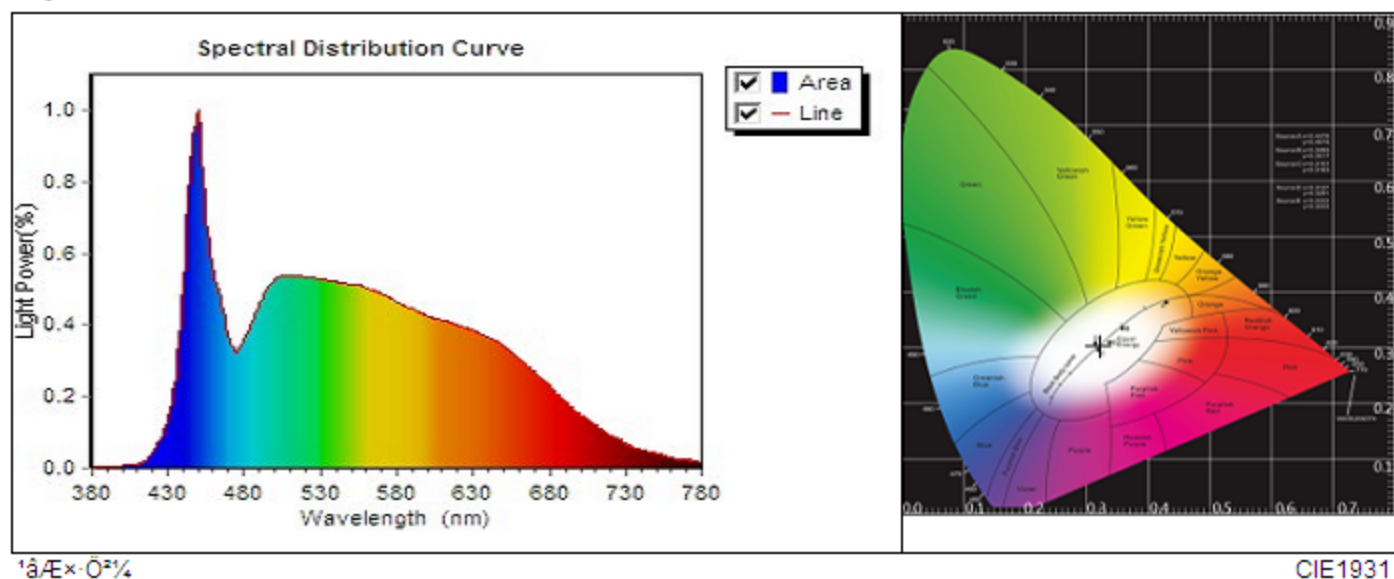
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230607002

Test Condition

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

Humidity : 65%
Peak AD. : 57977 (88.5%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3159$ $y=0.3442$ $u=0.1944$ $v=0.3178$ ($duv=0.0093$)
Color temperature: $TC=6254$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.336$
Peak wavelength: $\lambda_p=448.6$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=15.51\%$ $G=78.68\%$ $B=5.82\%$

Color rendering index (Ra): $Ra=92.5$

$R1=90.6$ $R2=93.6$ $R3=97.1$ $R4=92.2$ $R5=91.0$ $R6=91.2$ $R7=96.0$ $R8=87.7$
 $R9=62.4$ $R10=86.7$ $R11=92.2$ $R12=74.1$ $R13=91.7$ $R14=98.8$ $R15=87.9$

Optical Parameter

Luminous flux: 34.472 lm Luminous efficiency: 95.76 lm/w Radiant flux: 0.1224 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0104 A Watts: 0.36 W Power factor: 1.000

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