



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB
Product No. : B1569-5-BF_12cm
Manufacturer : BLED

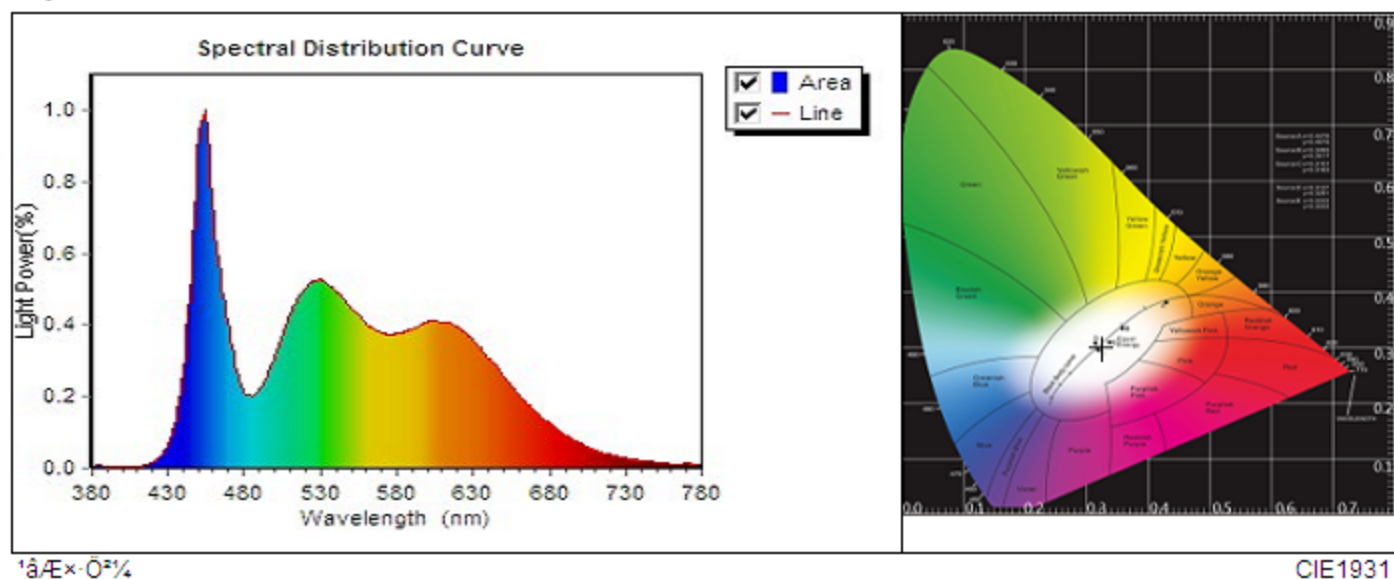
Test date. : 2023-09-15
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 48797 (74.5%)
Integral time. : 49ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3193$ $y=0.3411$ $u=0.1979$ $v=0.3171$ ($duv=0.0061$)
Color temperature: $TC=6104$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=483$ nm Purity: $Purity=0.329$
Peak wavelength: $\lambda_p=453.3$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=16.79\%$ $G=78.37\%$ $B=4.84\%$

Color rendering index (Ra): $Ra=92.3$

$R1=94.7$ $R2=93.2$ $R3=89.6$ $R4=94.1$ $R5=92.2$ $R6=89.3$ $R7=96.2$ $R8=89.0$
 $R9=64.2$ $R10=81.4$ $R11=91.1$ $R12=60.1$ $R13=95.4$ $R14=93.9$ $R15=91.9$

Optical Parameter

Luminous flux: 89.025 lm Luminous efficiency: 74.19 lm/w Radiant flux: 0.296 W

Electrical Parameter

Voltage: 23.99 V Current: 0.0347 A Watto: 1.20 W Power factor: 1.000

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