



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1577-BF_12mm
Manufacturer : BLED

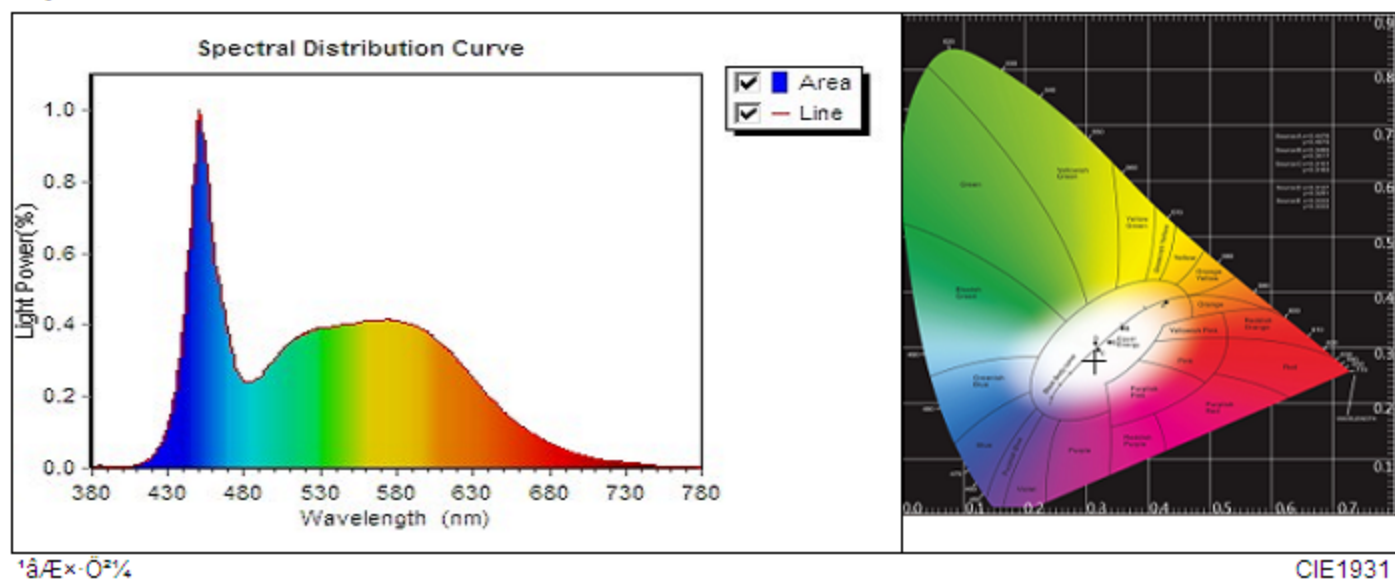
Test date. : 2023-07-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230209003

Test Condition

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

Humidity : 65%
Peak AD. : 48135 (73.4%)
Integral time. : 36ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3087$ $y=0.3194$ $u=0.1987$ $v=0.3083$ ($duv=0.0002$)
Color temperature: $TC=6822$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=482.1$ nm Purity: $Purity=0.372$
Peak wavelength: $\lambda_p=451.1$ nm FWHM: $\Delta\lambda_p=22.2$ nm Color ratio: $R=14.89\%$ $G=79.46\%$ $B=5.66\%$

Color rendering index (Ra): $Ra=85.5$

$R1=84.9$ $R2=90.6$ $R3=92.3$ $R4=85.5$ $R5=85.0$ $R6=84.4$ $R7=88.6$ $R8=72.7$
 $R9=16.8$ $R10=76.1$ $R11=85.3$ $R12=60.5$ $R13=87.3$ $R14=96.2$ $R15=81.3$

Optical Parameter

Luminous flux: 113.149 lm luminous efficiency: 62.03 lm/w Radiant flux: 0.3742 W

Electrical Parameter

Voltage: 24.0 V Current: 0.076 A Watto: 1.824 W Power factor: 1.000

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