



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1577-BN_12mm
Manufacturer : BLED

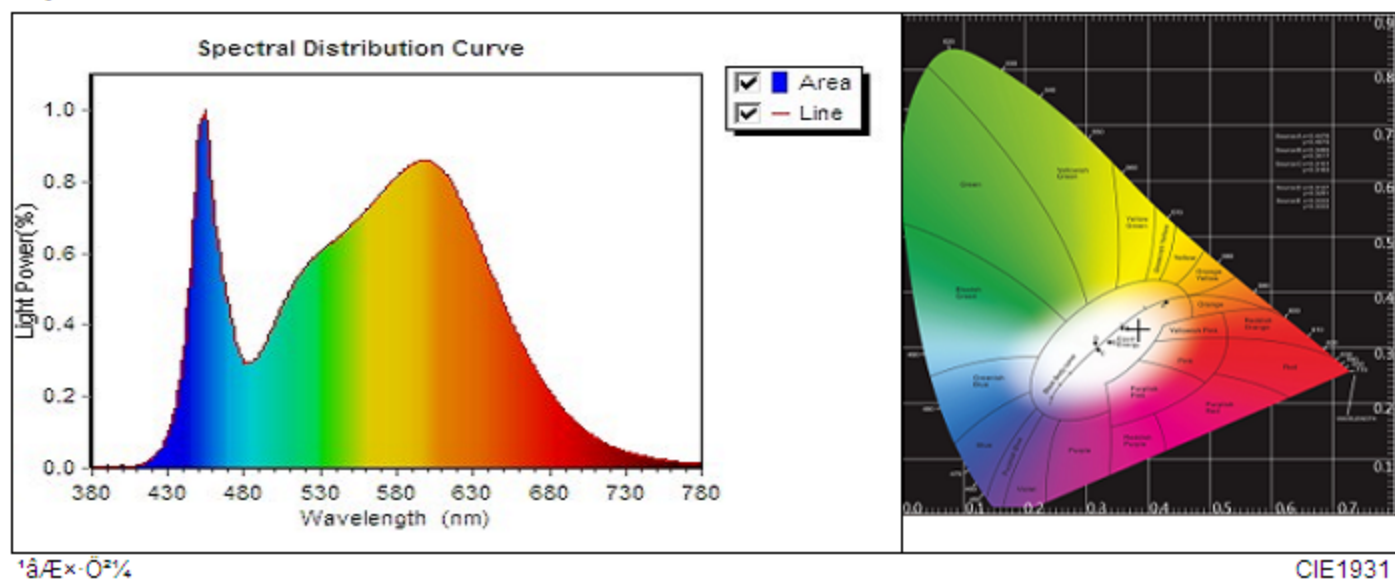
Test date. : 2023-07-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230209003

Test Condition

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

Humidity : 65%
Peak AD. : 50542 (77.1%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3786$ $y=0.3716$ $u=0.2259$ $v=0.3327$ ($duv=-0.0019$)
Color temperature: $TC=4014$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=483.06$ nm Purity: $Purity=0.177$
Peak wavelength: $\lambda_p=453.2$ nm FWHM: $\Delta\lambda_p=23.4$ nm Color ratio: $R=20.36\%$ $G=76.00\%$ $B=3.64\%$

Color rendering index (Ra): $Ra=85.6$

$R1=84.9$ $R2=92.6$ $R3=95.9$ $R4=83.5$ $R5=84.5$ $R6=88.3$ $R7=86.3$ $R8=68.0$
 $R9=20.3$ $R10=81.1$ $R11=82.7$ $R12=63.9$ $R13=87.7$ $R14=98.2$ $R15=79.9$

Optical Parameter

Luminous flux: 110.934 lm luminous efficiency: 60.82 lm/w Radiant flux: 0.3447 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>