



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1577-BC_12mm
Manufacturer : BLED

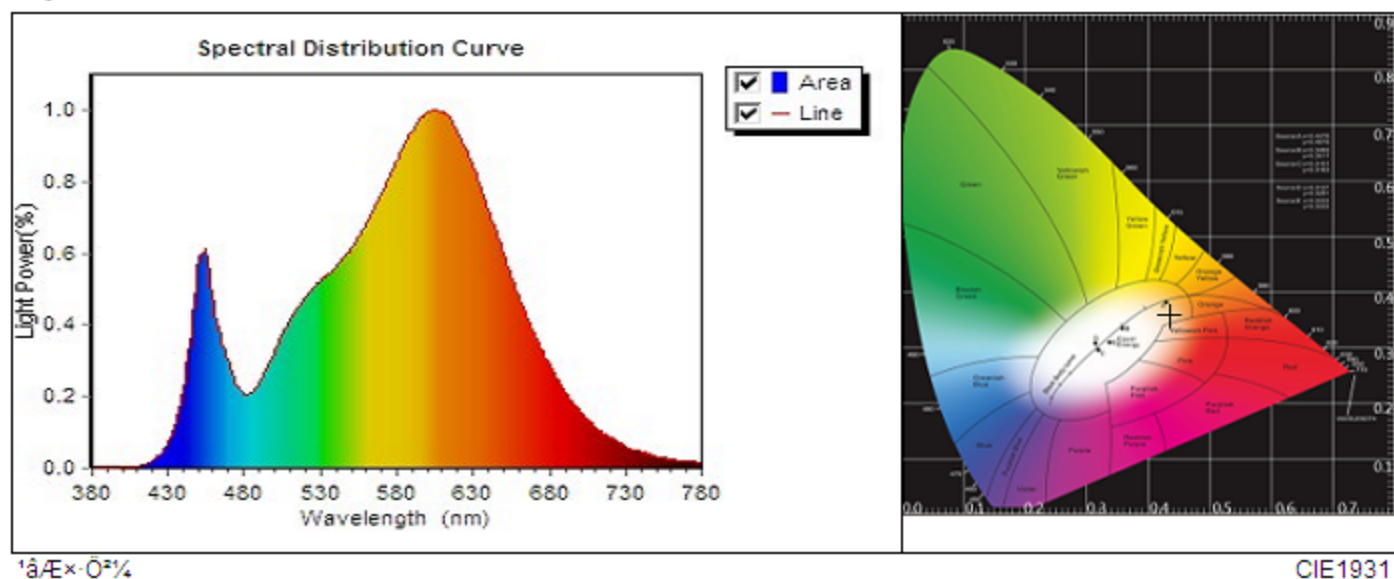
Test date. : 2023-07-27
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230209003

Test Condition

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

Humidity : 65%
Peak AD. : 47537 (72.5%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4293$ $y=0.3959$ $u=0.2491$ $v=0.3446$ ($duv=-0.0022$)
Color temperature: $TC=3065K$ Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=482.01nm$ Purity: $Purity=0.049$
Peak wavelength: $\lambda_p=604.9 nm$ FWHM: $\Delta\lambda_p=133.5 nm$ Color ratio: $R=24.72\%$ $G=72.76\%$ $B=2.51\%$

Color rendering index (Ra): $Ra=84.6$

$R1=83.9$ $R2=92.9$ $R3=96.0$ $R4=82.7$ $R5=84.1$ $R6=91.0$ $R7=83.4$ $R8=62.5$
 $R9=15.9$ $R10=83.3$ $R11=82.5$ $R12=73.0$ $R13=86.9$ $R14=98.7$ $R15=77.2$

Optical Parameter

Luminous flux: $97.201 lm$ Luminous efficiency: $52.63 lm/w$ Radiant flux: $0.301 W$

Electrical Parameter

Voltage: $23.99 V$ Current: $0.077 A$ Watts: $1.847 W$ Power factor: 1.000

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