



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP CCT - Test 100mm
Product No. : B1515-D-IP67_CW+WW
Manufacturer : BLED

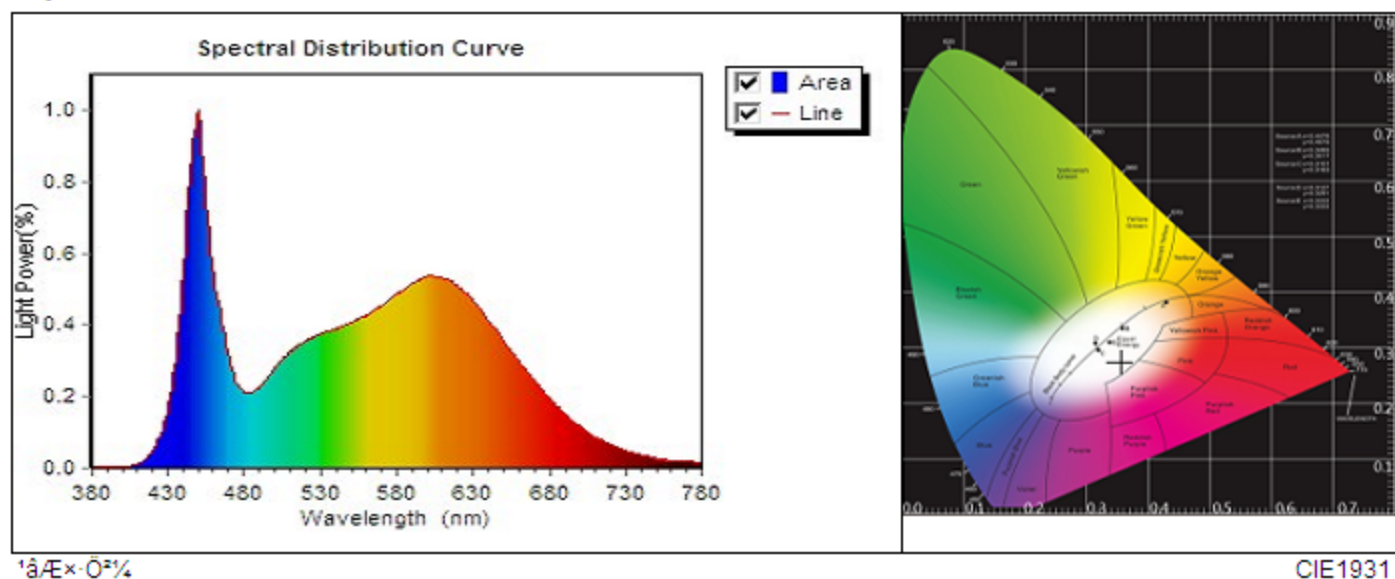
Test date. : 2023-10-10
Test equipment: SPEC2000A Spectrometer
Operator. : 132294

Test Condition

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

Humidity : 65%
Peak AD. : 53565 (81.7%)
Integral time. : 38ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3498$ $y=0.3179$ $u=0.2288$ $v=0.3119$ ($duv=-0.0200$)
Color temperature: $TC=4634$ K Color difference: $SDCM=21.7$ Main Wavelength: $\lambda_d=477.04$ nm Purity: $Purity=0.288$
Peak wavelength: $\lambda_p=449.0$ nm FWHM: $\Delta\lambda_p=21.9$ nm Color ratio: $R=21.56\%$ $G=73.87\%$ $B=4.58\%$

Color rendering index (Ra): $Ra=92.9$

$R1=94.8$ $R2=94.6$ $R3=93.7$ $R4=93.7$ $R5=95.9$ $R6=89.1$ $R7=90.8$ $R8=90.4$
 $R9=79.2$ $R10=91.3$ $R11=92.5$ $R12=77.7$ $R13=94.0$ $R14=95.9$ $R15=96.5$

Optical Parameter

Luminous flux: 139.59 lm Luminous efficiency: 92.32 lm/w Radiant flux: 0.5059 W

Electrical Parameter

Voltage: 24.0 V Current: 0.063 A Watto: 1.512 W Power factor: 1.000

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