



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1653-IP67-BF
Manufacturer : BLED - Test 100mm

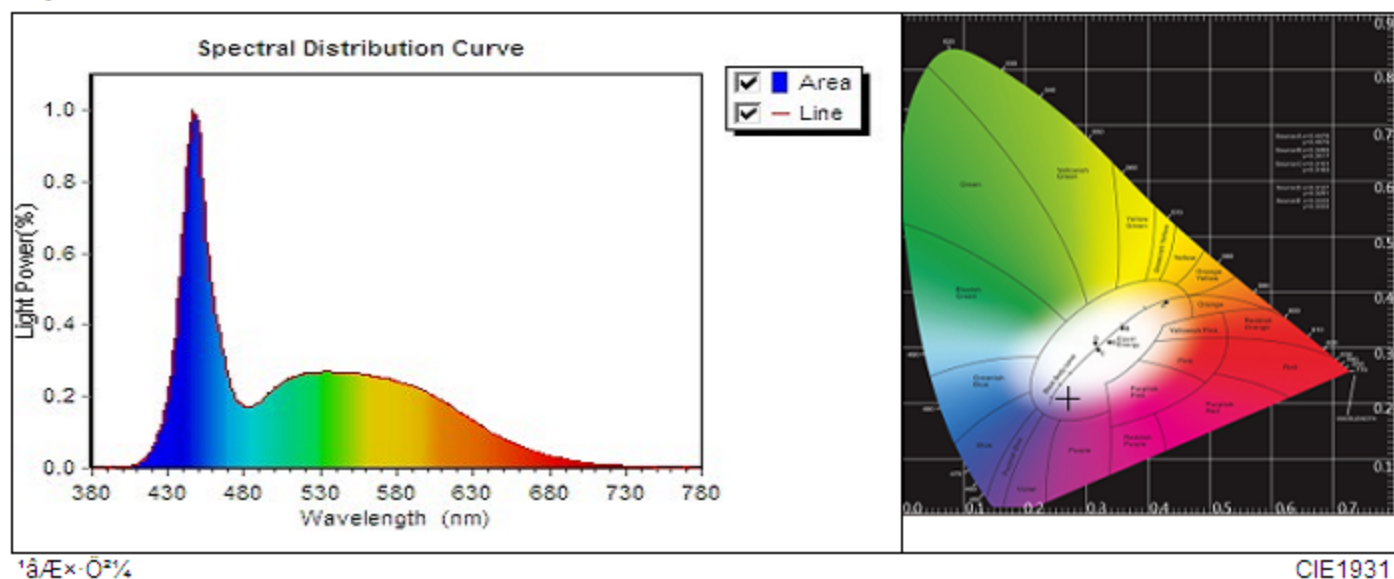
Test date. : 2023-10-13
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20230515002

Test Condition

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

Humidity : 65%
Peak AD. : 48432 (73.9%)
Integral time. : 27ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2658$ $y=0.2585$ $u=0.1908$ $v=0.2784$ ($duv=-0.0062$)
Color temperature: $TC=16450$ K Color difference: $SDCM=33.4$ Main Wavelength: $\lambda_d=479.06$ nm Purity: $Purity=0.518$
Peak wavelength: $\lambda_p=447.1$ nm FWHM: $\lambda_p=21.8$ nm Color ratio: $R=12.61\%$ $G=80.22\%$ $B=7.16\%$

Color rendering index (Ra): $Ra=85$

$R1=87.3$ $R2=85.3$ $R3=78.9$ $R4=91.6$ $R5=87.0$ $R6=76.7$ $R7=89.2$ $R8=83.8$
 $R9=36.6$ $R10=61.4$ $R11=92.4$ $R12=54.0$ $R13=86.2$ $R14=88.4$ $R15=88.8$

Optical Parameter

Luminous flux: 99.198 lm Luminous efficiency: 96.12 lm/w Radiant flux: 0.3778 W

Electrical Parameter

Voltage: 24.0 V Current: 0.043 A Watto: 1.032 W Power factor: 1.000

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