



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1653-BF
Manufacturer : BLED

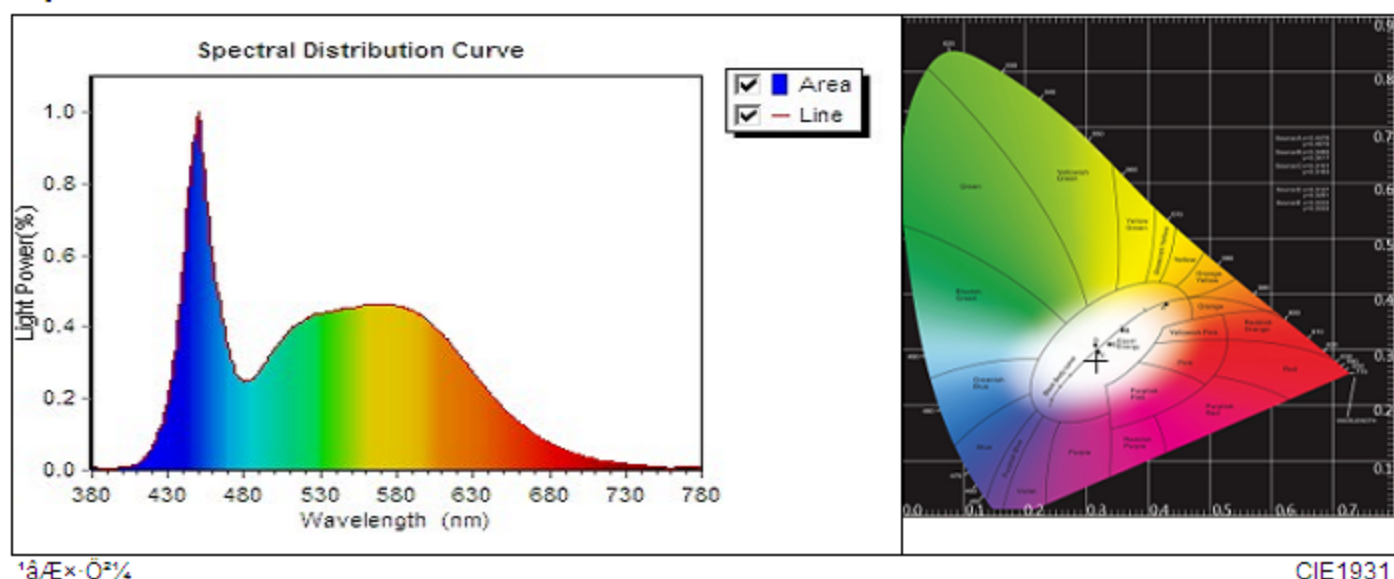
Test date. : 2023-08-03
Test equipment: SPEC2000A Spectrometer
Operator. : WL-20230402002

Test Condition

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

Humidity : 65%
Peak AD. : 48847 (74.5%)
Integral time. : 34ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3109$ $y=0.3230$ $u=0.1988$ $v=0.3099$ ($duv=0.0011$)
Color temperature: $TC=6658$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=482.02$ nm Purity: $Purity=0.363$
Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\Delta\lambda_p=23.6$ nm Color ratio: $R=14.68\%$ $G=80.07\%$ $B=5.25\%$

Color rendering index (Ra): $Ra=83.8$

$R1=82.7$ $R2=87.7$ $R3=90.2$ $R4=84.8$ $R5=83.8$ $R6=82.2$ $R7=87.6$ $R8=70.9$
 $R9=8.6$ $R10=70.0$ $R11=84.7$ $R12=63.0$ $R13=84.4$ $R14=94.8$ $R15=78.3$

Optical Parameter

Luminous flux: 138.941 lm Luminous efficiency: 113.51 lm/w Radiant flux: 0.4565 W

Electrical Parameter

Voltage: 23.99 V Current: 0.051 A Watts: 1.224 W Power factor: 1.000

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