



BARCELONALED ILUMINACION S.L.
BRCELONALED, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LED STRIP COB
Product No. : B1559-5-VE_80mm
Manufacturer : BLED

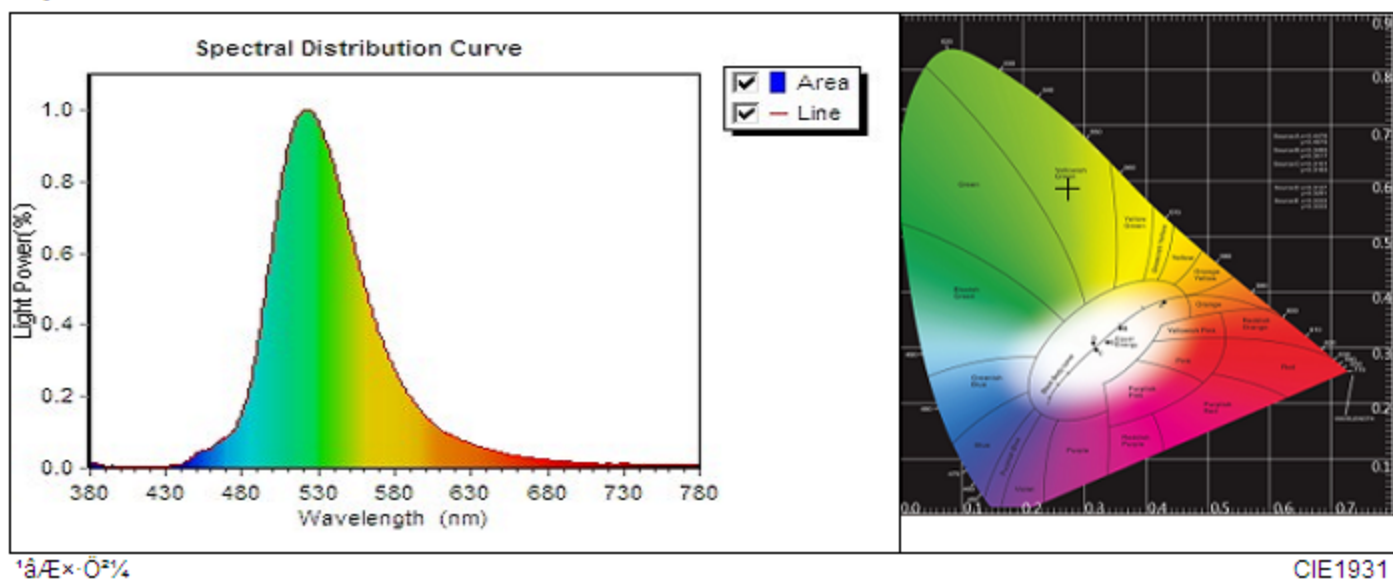
Test date. : 2023-06-20
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20221237002

Test Condition

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

Humidity : 65%
Peak AD. : 58253 (88.9%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2688$ $y=0.6073$ $u=0.1103$ $v=0.3737$ ($duv=0.1102$)
Color temperature: $TC=6596$ K Color difference: $SDCM=164.7$ Main Wavelength: $\lambda_d=505.02$ nm Purity: $Purity=0.528$
Peak wavelength: $\lambda_p=522.3$ nm FWHM: $\Delta\lambda_p=65.6$ nm Color ratio: $R=3.59\%$ $G=93.62\%$ $B=2.79\%$

Color rendering index (Ra): $Ra=18.9$

$R1=2.3$ $R2=34.0$ $R3=42.2$ $R4=-12.8$ $R5=16.9$ $R6=30.8$ $R7=39.9$ $R8=-2.1$
 $R9=-250.3$ $R10=-18.9$ $R11=-30.1$ $R12=11.6$ $R13=8.6$ $R14=70.3$ $R15=-9.1$

Optical Parameter

Luminous flux: 83.037 lm Luminous efficiency: 98.85 lm/w Radiant flux: 0.1815 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Watto: 0.84 W Power factor: 1.000

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