



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP COB
Product No. : B1559-5-RO_80mm
Manufacturer : BLED

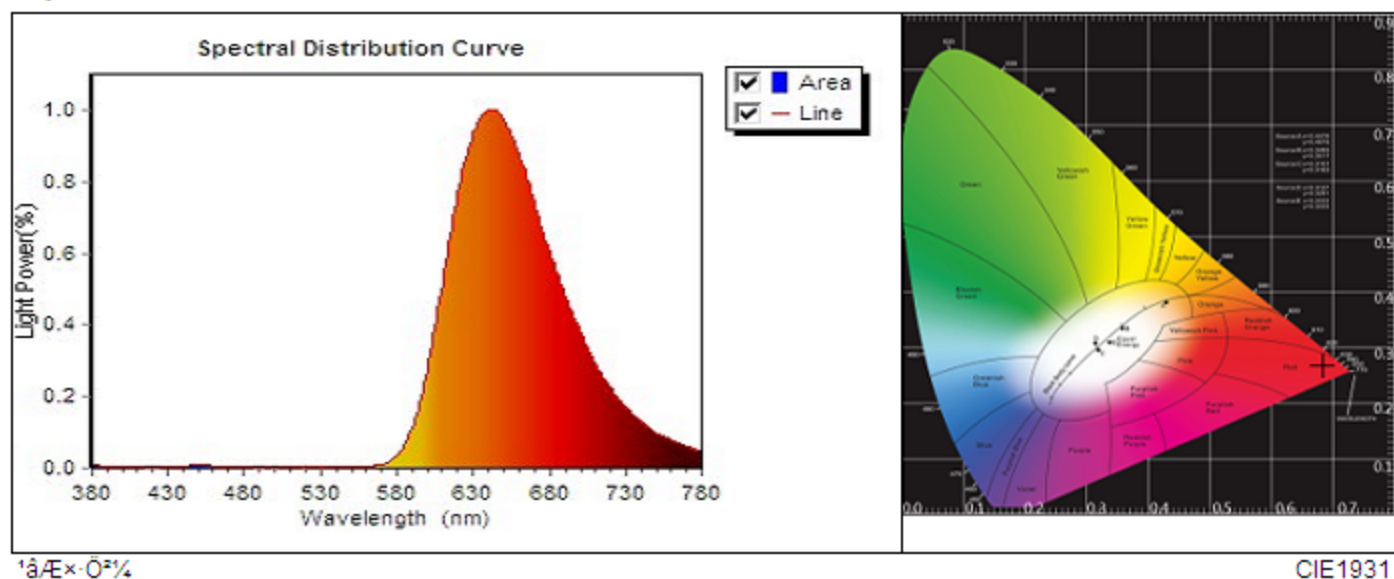
Test date. : 2023-06-20
Test equipment: SPEC2000A Spectrometer
Operator. : VL-20221237002

Test Condition

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

Humidity : 65%
Peak AD. : 38686 (59.0%)
Integral time. : 89ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6747$ $y=0.3127$ $u=0.4995$ $v=0.3473$ ($duv=-0.0519$)

Color temperature: $TC=1000$ K Color difference: $SDCM=176.9$ Main Wavelength: $\lambda_d=493.94$ nm Purity: Purity=0.58

Peak wavelength: $\lambda_p=641.9$ nm FWHM: $\lambda_p=79.7$ nm Color ratio: $R=87.94\%$ $G=11.89\%$ $B=0.17\%$

Color rendering index (Ra): $Ra=45.4$

$R1=33.8$ $R2=84.8$ $R3=51.3$ $R4=13.7$ $R5=36.7$ $R6=92.9$ $R7=44.3$ $R8=5.6$

$R9=-81.9$ $R10=85.8$ $R11=22.8$ $R12=68.8$ $R13=55.3$ $R14=72.2$ $R15=16.9$

Optical Parameter

Luminous flux: 16.695 lm Luminous efficiency: 19.88 lm/w Radiant flux: 0.1462 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>