



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : MINI SPOT LED
Product No. : B859-B-270
Manufacturer : BLED

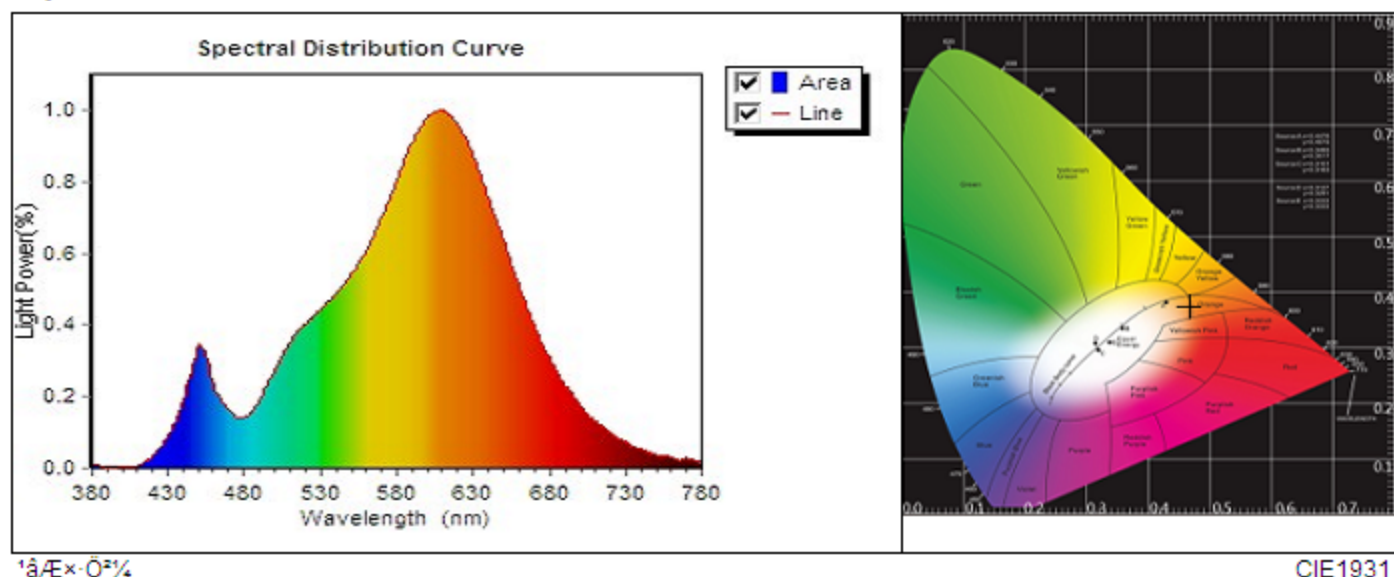
Test date. : 2024-08-13
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44011 (67.2%)
Integral time. : 387ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4596$ $y=0.4109$ $u=0.2622$ $v=0.3516$ ($duv=0.0001$)
Color temperature: $TC=2706$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=594.06$ nm Purity: $Purity=0.08$
Peak wavelength: $\lambda_p=608.8$ nm FWHM: $\Delta\lambda_p=118.1$ nm Color ratio: $R=27.15\%$ $G=70.98\%$ $B=1.87\%$

Color rendering index (Ra): $Ra=83.9$

$R1=82.5$ $R2=91.7$ $R3=96.8$ $R4=82.7$ $R5=82.8$ $R6=91.1$ $R7=82.9$ $R8=59.9$
 $R9=12.2$ $R10=81.6$ $R11=83.2$ $R12=77.8$ $R13=85.4$ $R14=99.0$ $R15=74.6$

Optical Parameter

Luminous flux: 619.457 lm luminous efficiency: 82.59 lm/w Radiant flux: 1.9351 W

Electrical Parameter

Voltage: 230.4 V Current: 0.057 A Watts: 7.50 W Power factor: 0.567

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