



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL LED
Product No. : B5235-BF
Manufacturer : BLED

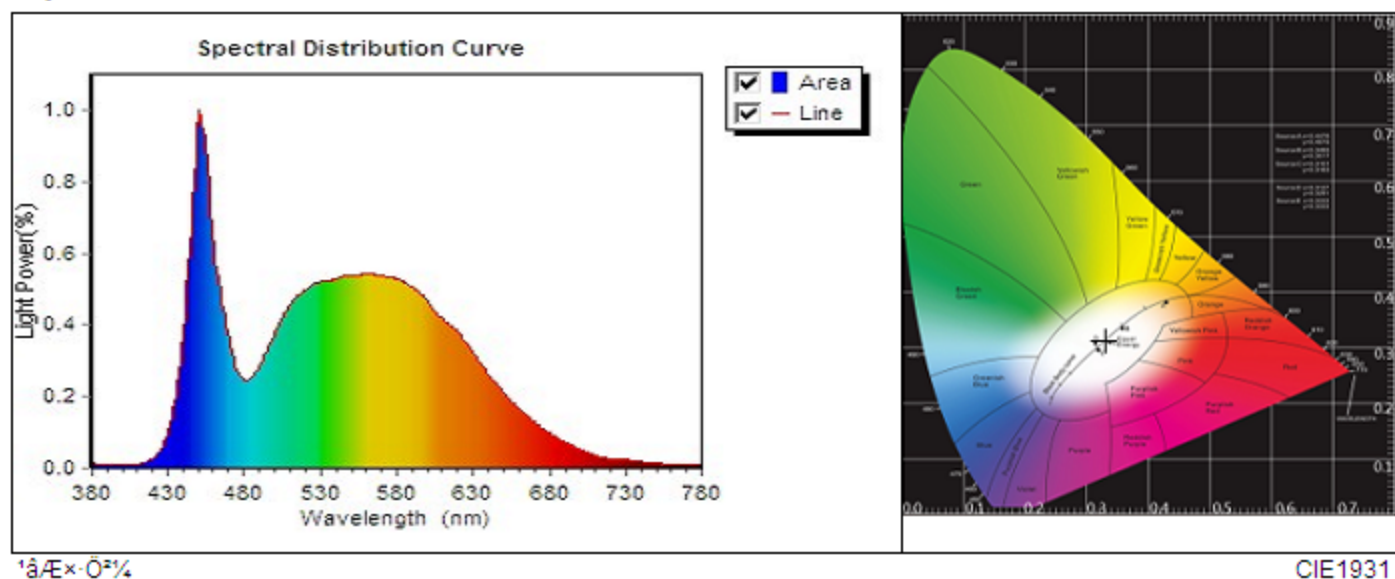
Test date. : 2021-02-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51679 (78.9%)
Integral time. : 57ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3245$ $y=0.3540$ $u=0.1967$ $v=0.3219$ ($duv=0.0100$)
Color temperature: $TC=5832$ K Color difference: $SDCM=8.5$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.311$
Peak wavelength: $\lambda_p=451.4$ nm FWHM: $\Delta\lambda_p=21.7$ nm Color ratio: $R=14.46\%$ $G=80.94\%$ $B=4.60\%$

Color rendering index (Ra): $Ra=80.5$

$R1=76.8$ $R2=85.5$ $R3=92.3$ $R4=79.1$ $R5=78.0$ $R6=80.4$ $R7=87.3$ $R8=64.5$
 $R9=-7.3$ $R10=66.7$ $R11=77.8$ $R12=55.2$ $R13=80.1$ $R14=96.0$ $R15=70.5$

Optical Parameter

Luminous flux: 3821.977 lm luminous efficiency: 87.06 lm/w Radiant flux: 11.8088 W

Electrical Parameter

Voltage: 230.4 V Current: 0.197 A Watts: 43.90 W Power factor: 0.964

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