



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B5235-BACKLIGHT-BF
Manufacturer :

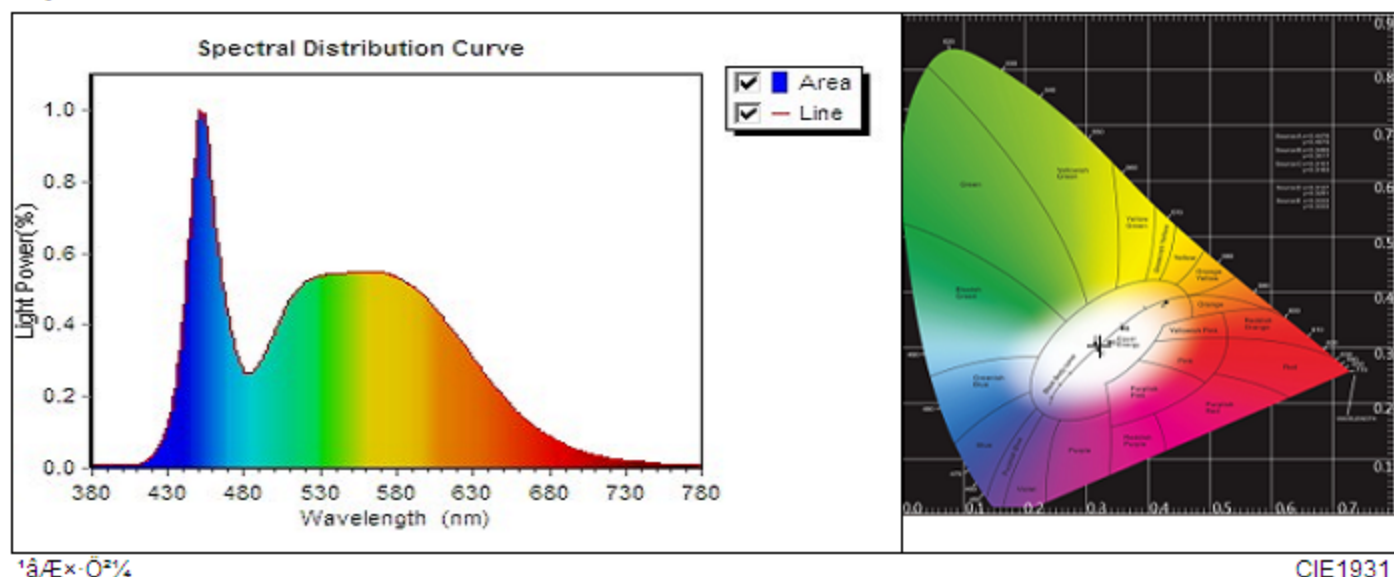
Test date. : 2024-02-14
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 55741 (85.1%)
Integral time. : 68ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3166$ $y=0.3451$ $u=0.1946$ $v=0.3181$ ($duv=0.0094$)
Color temperature: $TC=6214$ K Color difference: $SDCM=4.2$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.333$
Peak wavelength: $\lambda_p=452.2$ nm FWHM: $\Delta\lambda_p=24.6$ nm Color ratio: $R=14.05\%$ $G=81.06\%$ $B=4.89\%$

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

$R1=77.0$ $R2=85.8$ $R3=92.0$ $R4=78.9$ $R5=78.1$ $R6=80.6$ $R7=87.2$ $R8=64.4$
 $R9=-9.8$ $R10=66.8$ $R11=77.6$ $R12=54.7$ $R13=80.4$ $R14=95.9$ $R15=70.7$

Optical Parameter

Luminous flux: 3809.367 lm luminous efficiency: 105.52 lm/w Radiant flux: 11.8958 W

Electrical Parameter

Voltage: 240.5 V Current: 0.153 A Watte: 36.10 W Power factor: 0.976

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