



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

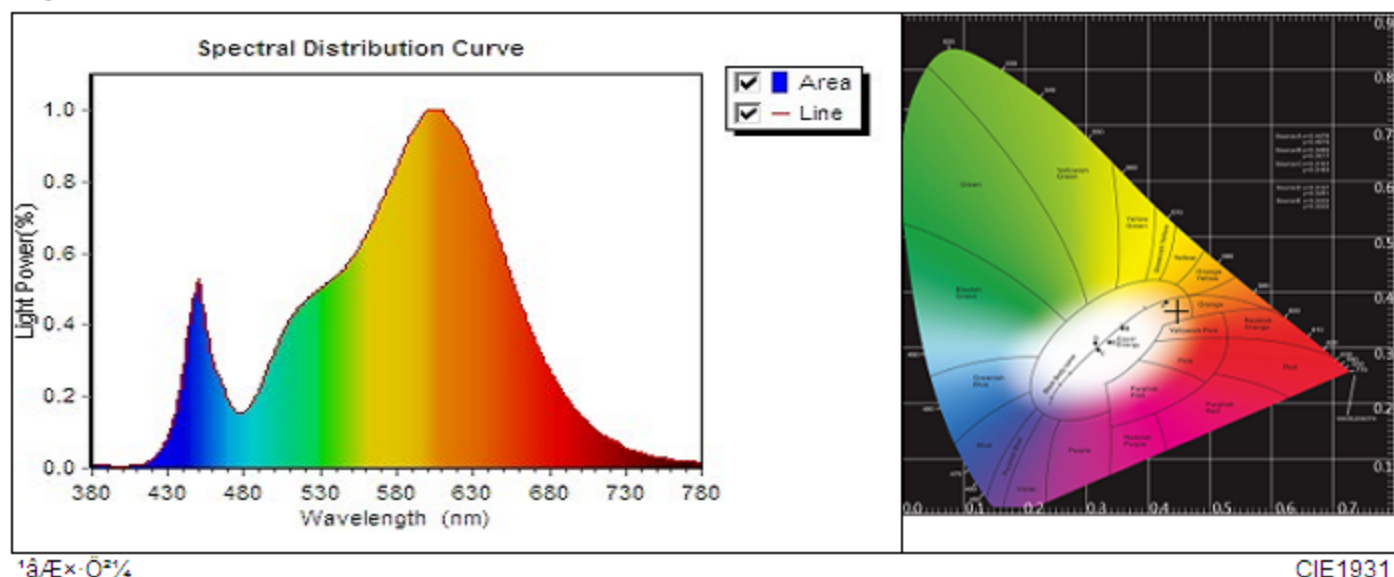
Test date. : 2024-02-14
Test equipment : SPEC2000A Spectrometer
Operator :

Test Condition

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

Humidity : 65%
Peak AD. : 56189 (85.7%)
Integral time. : 86ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4399$ $y=0.4031$ $u=0.2529$ $v=0.3476$ ($duv=-0.0008$)
Color temperature: $TC=2943$ K Color difference: $SDCM=0.1$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.02$
Peak wavelength: $\lambda_p=602.1$ nm FWHM: $\Delta\lambda_p=128.4$ nm Color ratio: $R=25.40\%$ $G=72.46\%$ $B=2.14\%$

Color rendering index (Ra): $Ra=84.3$

$R1=83.1$ $R2=91.7$ $R3=96.8$ $R4=83.6$ $R5=83.6$ $R6=90.6$ $R7=83.4$ $R8=61.0$
 $R9=12.1$ $R10=81.5$ $R11=84.6$ $R12=76.0$ $R13=85.9$ $R14=98.9$ $R15=75.3$

Optical Parameter

Luminous flux: 3824.129 lm luminous efficiency: 104.2 lm/w Radiant flux: 11.7364 W

Electrical Parameter

Voltage: 240.6 V Current: 0.156 A Watts: 36.70 W Power factor: 0.974

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