



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL LED
Product No. : B5234-BF
Manufacturer : BLED

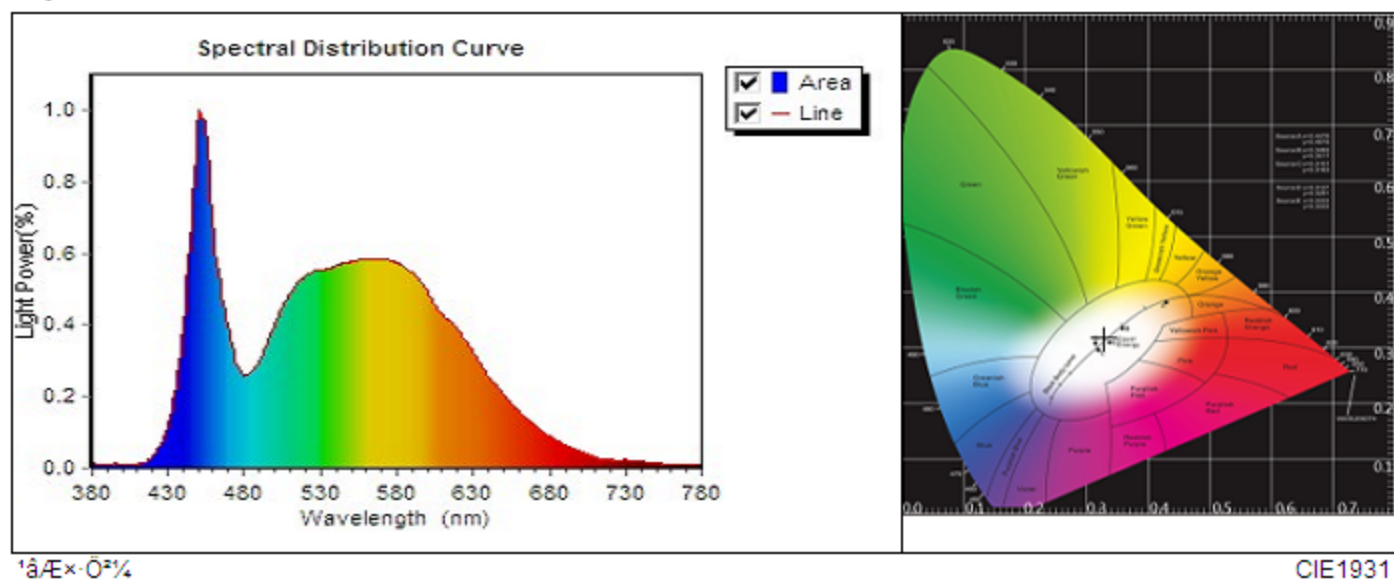
Test date. : 2021-09-08
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 46486 (70.9%)
Integral time. : 37ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3239$ $y=0.3575$ $u=0.1951$ $v=0.3229$ ($duv=0.0119$)
Color temperature: $TC=5850$ K Color difference: $SDCM=10.6$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.309$
Peak wavelength: $\lambda_p=451.9$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=13.91\%$ $G=81.56\%$ $B=4.53\%$

Color rendering index (Ra): $Ra=78.4$

$R1=73.6$ $R2=83.9$ $R3=92.4$ $R4=76.3$ $R5=75.3$ $R6=78.9$ $R7=86.0$ $R8=60.1$
 $R9=-21.5$ $R10=63.7$ $R11=74.8$ $R12=53.4$ $R13=77.4$ $R14=95.9$ $R15=66.2$

Optical Parameter

Luminous flux: 5404.069 lm luminous efficiency: 74.75 lm/w Radiant flux: 16.3882 W

Electrical Parameter

Voltage: 230.6 V Current: 0.325 A Watts: 72.30 W Power factor: 0.962

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