



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

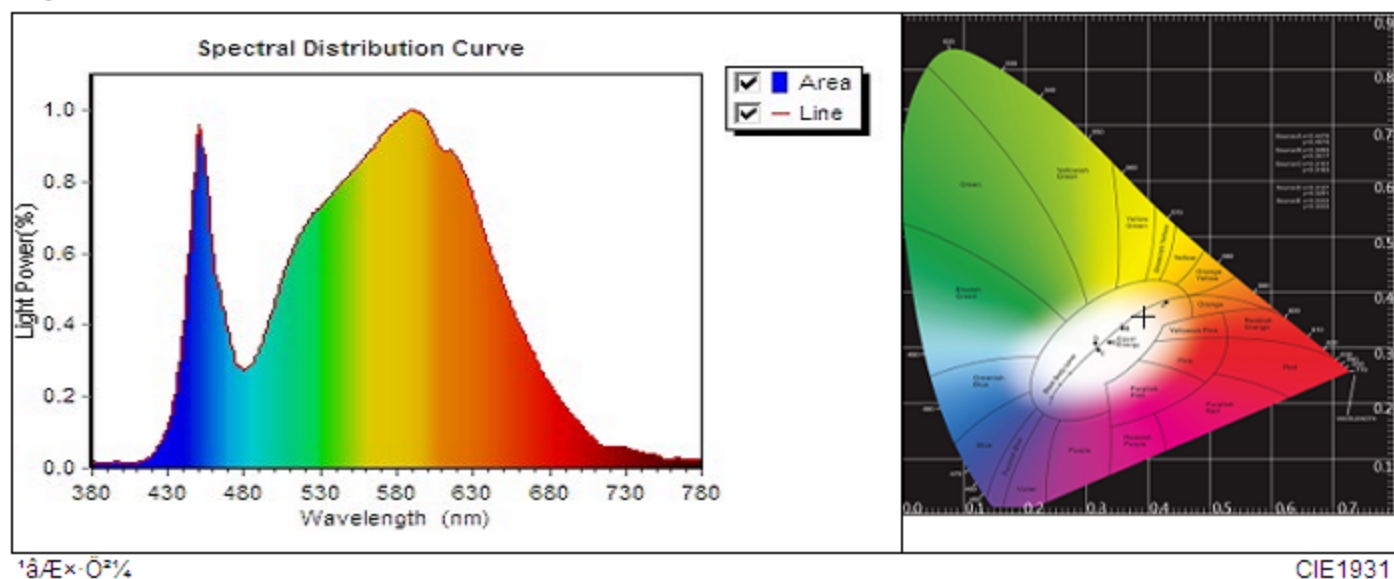
Test date. : 2021-09-09
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51515 (78.6%)
Integral time. : 50ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3873$ $y=0.3935$ $u=0.2230$ $v=0.3399$ ($duv=0.0057$)
Color temperature: $TC=3943$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=487.01$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=590.3$ nm FWHM: $\Delta\lambda_p=148.6$ nm Color ratio: $R=19.23\%$ $G=77.80\%$ $B=2.98\%$

Color rendering index (Ra): $Ra=81.1$

$R1=78.2$ $R2=86.6$ $R3=94.4$ $R4=79.9$ $R5=78.1$ $R6=81.8$ $R7=86.9$ $R8=62.9$
 $R9=2.0$ $R10=69.0$ $R11=78.2$ $R12=56.3$ $R13=80.8$ $R14=96.9$ $R15=71.3$

Optical Parameter

Luminous flux: 5934.067 lm luminous efficiency: 82.65 lm/w Radiant flux: 17.5848 W

Electrical Parameter

Voltage: 230.6 V Current: 0.324 A Watts: 71.80 W Power factor: 0.959

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