



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL RGBW
Product No. : B5235-RGBW_BF
Manufacturer : BLED

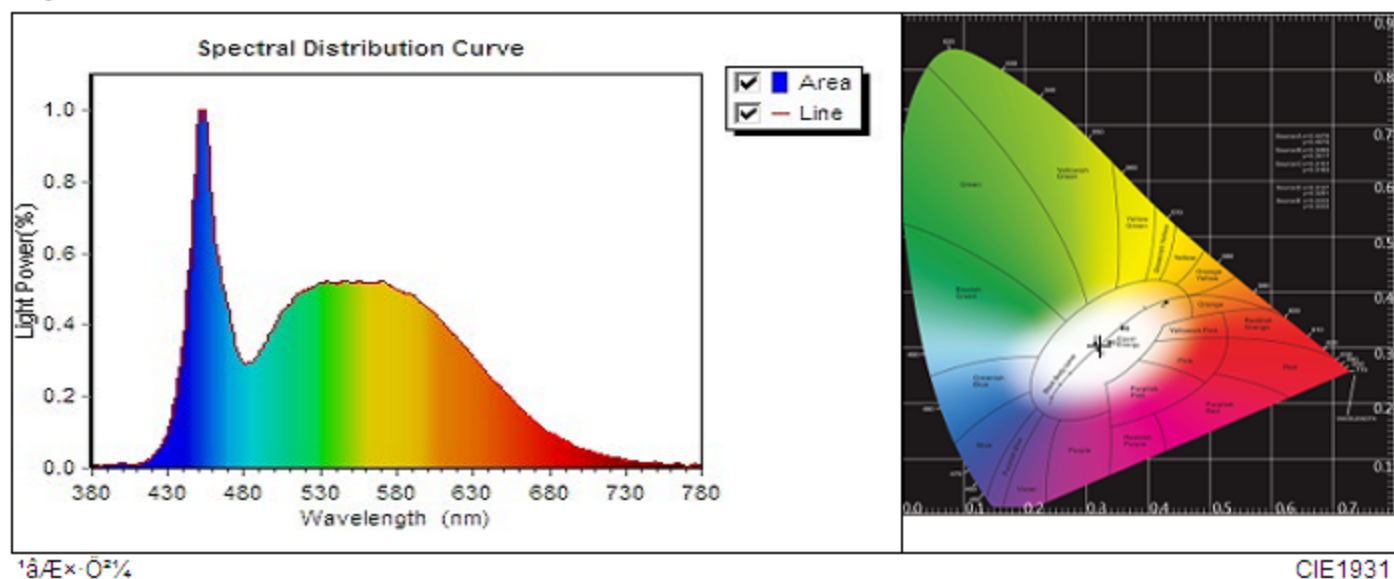
Test date. : 2022-02-01
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 41026 (62.6%)
Integral time. : 52ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3162$ $y=0.3450$ $u=0.1943$ $v=0.3181$ ($duv=0.0095$)
Color temperature: $TC=6234$ K Color difference: $SDCM=4.1$ Main Wavelength: $\lambda_d=484.1$ nm Purity: $Purity=0.334$
Peak wavelength: $\lambda_p=452.5$ nm FWHM: $\Delta\lambda_p=22.1$ nm Color ratio: $R=14.35\%$ $G=80.41\%$ $B=5.24\%$

Color rendering index (Ra): $Ra=83$

$R1=79.8$ $R2=88.3$ $R3=93.9$ $R4=80.8$ $R5=80.7$ $R6=83.7$ $R7=88.6$ $R8=68.2$
 $R9=3.9$ $R10=72.7$ $R11=80.0$ $R12=57.8$ $R13=83.3$ $R14=96.9$ $R15=74.1$

Optical Parameter

Luminous flux: 2942.577 lm luminous efficiency: 73.02 lm/w Radiant flux: 9.3743 W

Electrical Parameter

Voltage: 230.4 V Current: 0.181 A Watts: 40.30 W Power factor: 0.965

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