



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL
Product No. : B5235-BC
Manufacturer : BLED

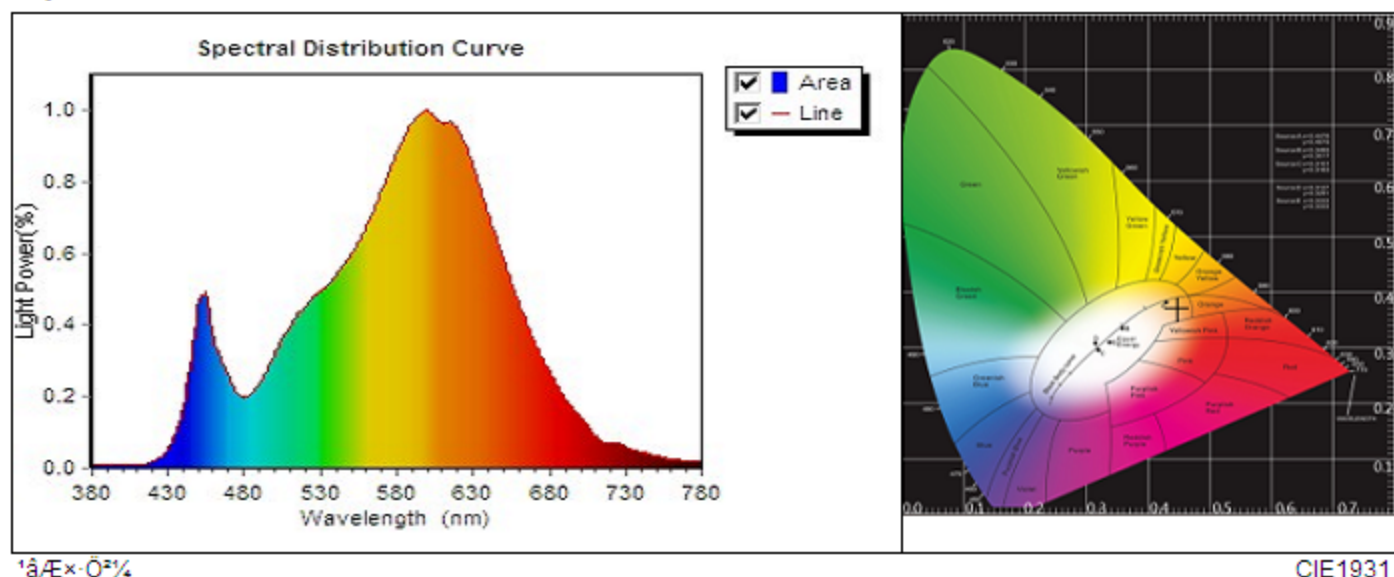
Test date. : 2021-10-08
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 38608 (58.9%)
Integral time. : 71ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4406$ $y=0.4069$ $u=0.2517$ $v=0.3487$ ($duv=0.0006$)
Color temperature: $TC=2962$ K Color difference: $SDCM=1.9$ Main Wavelength: $\lambda_d=489.04$ nm Purity: $Purity=0.017$
Peak wavelength: $\lambda_p=599.4$ nm FWHM: $\Delta\lambda_p=125.2$ nm Color ratio: $R=24.77\%$ $G=72.91\%$ $B=2.31\%$

Color rendering index (Ra): $Ra=82.4$

$R1=80.6$ $R2=91.3$ $R3=95.7$ $R4=79.9$ $R5=81.0$ $R6=89.7$ $R7=82.2$ $R8=58.1$
 $R9=6.2$ $R10=80.6$ $R11=79.3$ $R12=71.2$ $R13=83.9$ $R14=98.3$ $R15=72.9$

Optical Parameter

Luminous flux: 2821.979 lm luminous efficiency: 65.02 lm/w Radiant flux: 8.5412 W

Electrical Parameter

Voltage: 230.5 V Current: 0.194 A Watts: 43.40 W Power factor: 0.968

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