



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1883-2-BN
Manufacturer : BLED

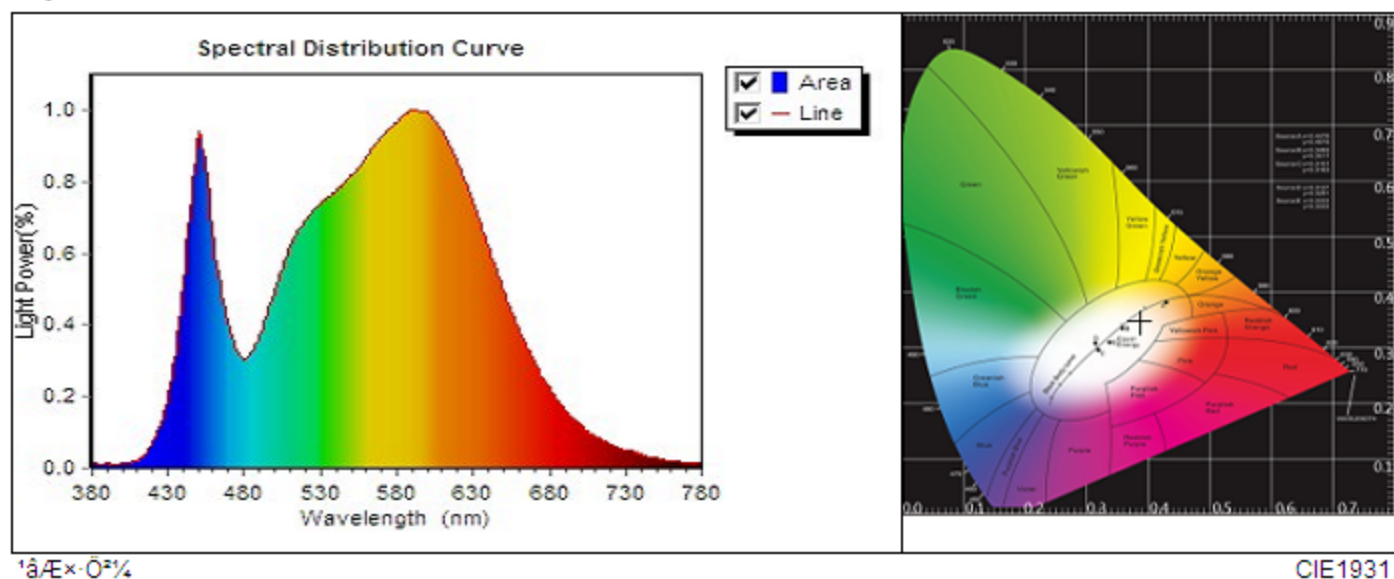
Test date. : 2024-07-19
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 46607 (71.1%)
Integral time. : 66ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3809$ $y=0.3845$ $u=0.2224$ $v=0.3367$ ($duv=0.0034$)
Color temperature: $TC=4043$ K Color difference: $SDCM=1.9$ Main Wavelength: $\lambda_d=486.07$ nm Purity: $Purity=0.165$
Peak wavelength: $\lambda_p=591.3$ nm FWHM: $\Delta\lambda_p=149.9$ nm Color ratio: $R=19.37\%$ $G=77.41\%$ $B=3.22\%$

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

$R1=80.0$ $R2=88.1$ $R3=95.0$ $R4=81.7$ $R5=80.3$ $R6=84.0$ $R7=86.5$ $R8=63.5$
 $R9=3.5$ $R10=72.2$ $R11=80.7$ $R12=62.5$ $R13=82.6$ $R14=97.3$ $R15=73.2$

Optical Parameter

Luminous flux: 4495.646 lm luminous efficiency: 91.56 lm/w Radiant flux: 13.4952 W

Electrical Parameter

Voltage: 229.8 V Current: 0.229 A Watts: 49.10 W Power factor: 0.929

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