



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1850-200W-N (BF)
Manufacturer : BLED

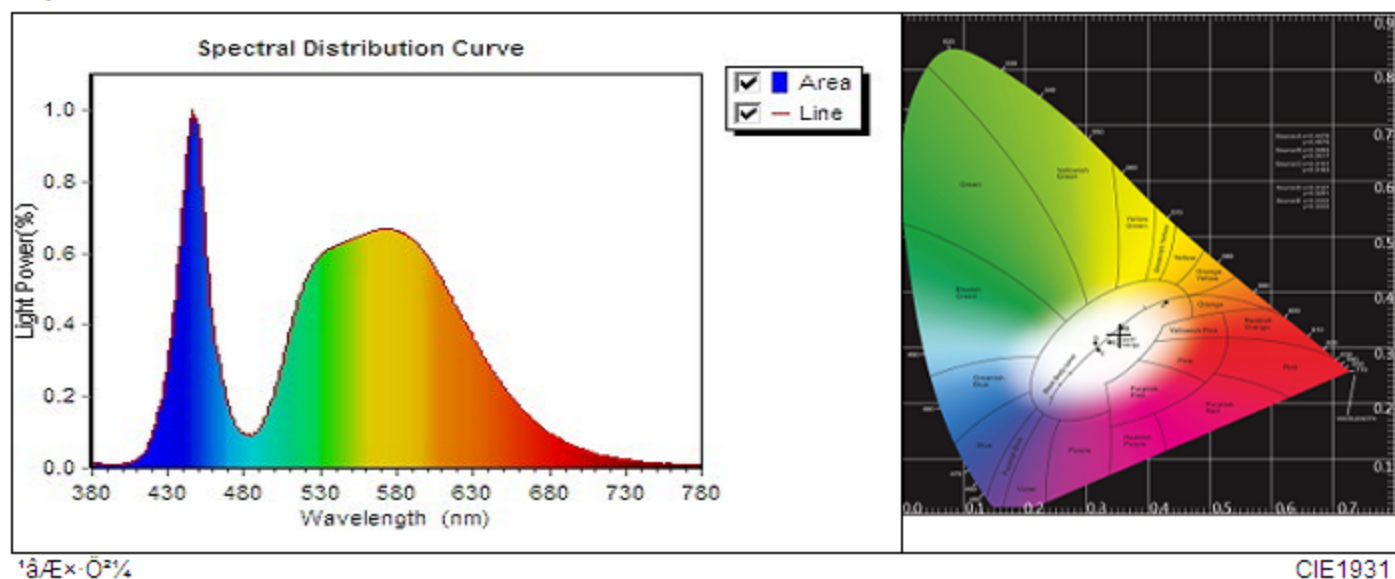
Test date. : 2024-07-18
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57929 (88.4%)
Integral time. : 17ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3474$ $y=0.3626$ $u=0.2088$ $v=0.3268$ ($duv=0.0045$)
Color temperature: $TC=4954$ K Color difference: $SDCM=1.2$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.252$
Peak wavelength: $\lambda_p=446.8$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=15.31\%$ $G=82.23\%$ $B=2.45\%$

Color rendering index (Ra): $Ra=70.1$

$R1=67.2$ $R2=74.3$ $R3=80.1$ $R4=71.2$ $R5=67.8$ $R6=64.9$ $R7=80.1$ $R8=54.5$
 $R9=-38.8$ $R10=39.3$ $R11=68.1$ $R12=37.8$ $R13=68.8$ $R14=88.7$ $R15=60.8$

Optical Parameter

Luminous flux: 19183.41 lm luminous efficiency: 95.49 lm/w Radiant flux: 55.9593 W

Electrical Parameter

Voltage: 229.1 V Current: 0.947 A Watte: 200.90 W Power factor: 0.926

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