



Spectral test report for lamp

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

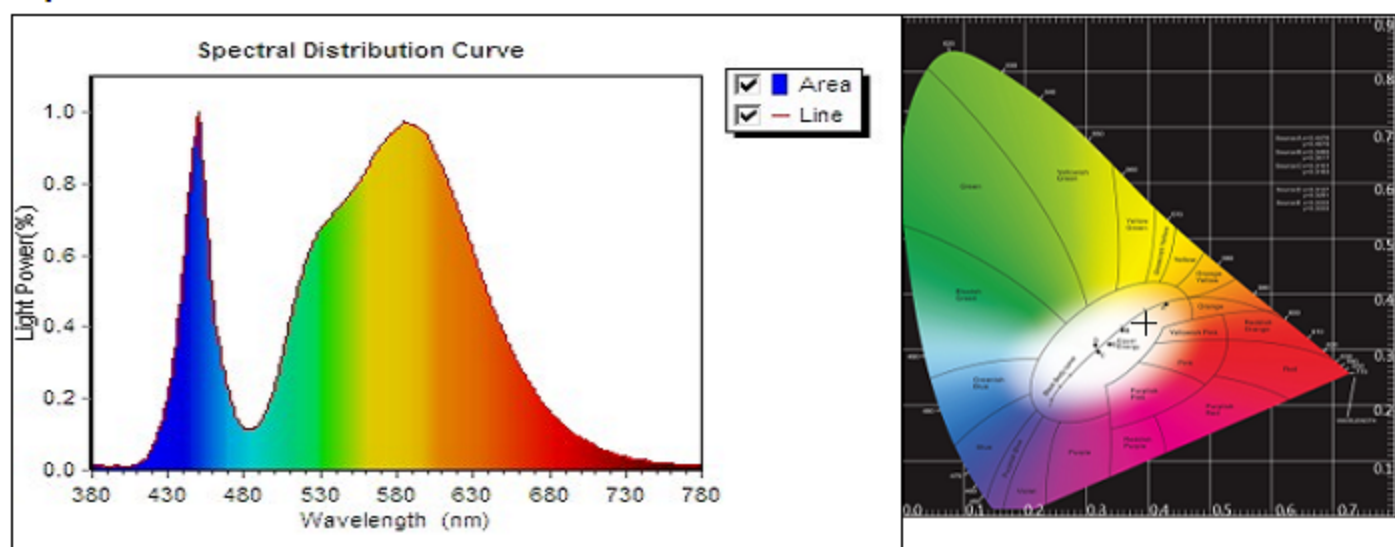
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50994 (77.8%)
Integral time. : 14ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3891$ $y=0.3863$ $u=0.2270$ $v=0.3380$ ($duv=0.0020$)

Color temperature: $TC=3846$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=486.02$ nm Purity: $Purity=0.145$

Peak wavelength: $\lambda_p=449.2$ nm FWHM: $\lambda_p=20.6$ nm Color ratio: $R=18.74\%$ $G=79.24\%$ $B=2.01\%$

Color rendering index (Ra): $Ra=71.9$

$R1=68.8$ $R2=78.7$ $R3=86.8$ $R4=71.2$ $R5=68.3$ $R6=69.7$ $R7=80.6$ $R8=50.5$

$R9=-33.3$ $R10=49.5$ $R11=67.0$ $R12=41.1$ $R13=71.3$ $R14=92.4$ $R15=61.9$

Optical Parameter

Luminous flux: 19611.5 lm luminous efficiency: 95.67 lm/w Radiant flux: 55.608 W

Electrical Parameter

Voltage: 229.1 V Current: 0.961 A Wate: 205.00 W Power factor: 0.931

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