



Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1850-50W-N (BN)
Manufacturer : BLED

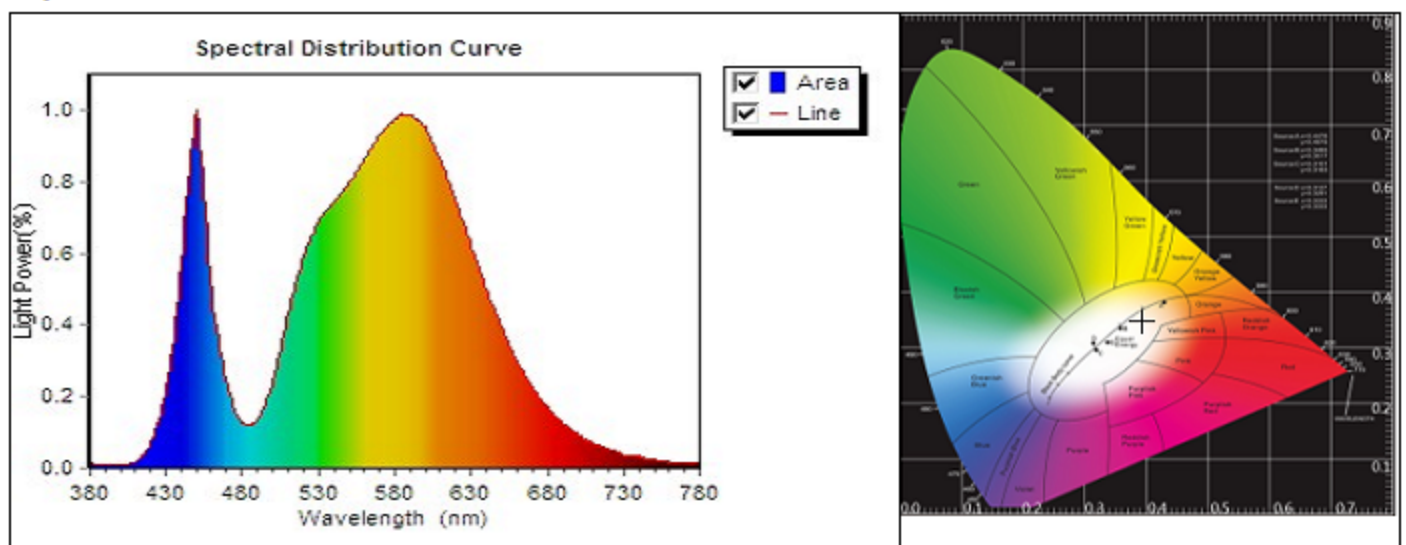
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52231 (79.7%)
Integral time. : 60ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3885$ $y=0.3863$ $u=0.2266$ $v=0.3380$ ($duv=0.0022$)

Color temperature: $TC=3860$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.147$

Peak wavelength: $\lambda_p=449.5$ nm FWHM: $\lambda_p=21.6$ nm Color ratio: $R=18.68\%$ $G=79.26\%$ $B=2.06\%$

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

$R1=68.8$ $R2=78.8$ $R3=86.9$ $R4=71.0$ $R5=68.3$ $R6=69.7$ $R7=80.8$ $R8=50.5$

$R9=-33.3$ $R10=49.7$ $R11=66.6$ $R12=41.1$ $R13=71.2$ $R14=92.5$ $R15=61.9$

Optical Parameter

Luminous flux: 5152.646 lm luminous efficiency: 100.05 lm/w Radiant flux: 14.6271 W

Electrical Parameter

Voltage: 230.0 V Current: 0.239 A Wate: 51.50 W Power factor: 0.935

MEASUREFINE

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