



Spectral test report for lamp

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

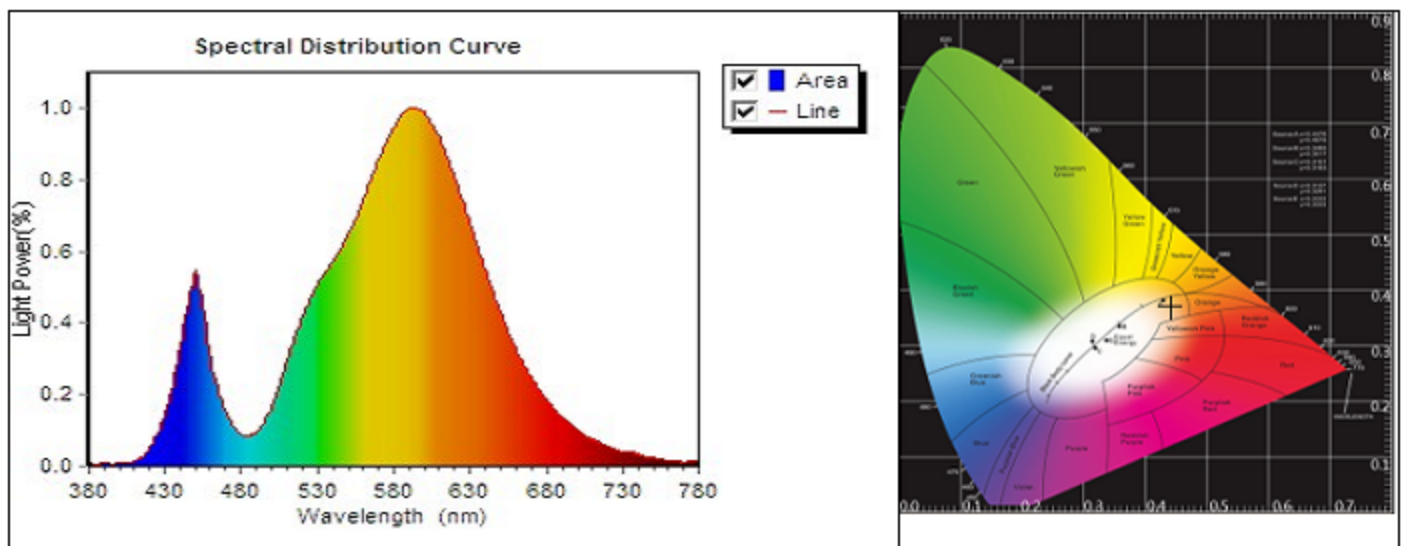
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49486 (75.5%)
Integral time. : 60ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4343$ $y=0.4069$ $u=0.2477$ $v=0.3481$ ($duv=0.0015$)

Color temperature: $TC=3068K$ Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=490.01nm$ Purity: $Purity=0.032$

Peak wavelength: $\lambda_p=592.2 nm$ FWHM: $\lambda_p=114.8 nm$ Color ratio: $R=22.29\%$ $G=76.25\%$ $B=1.46\%$

Color rendering index (Ra): $Ra=70$

$R1=66.0$ $R2=79.8$ $R3=92.0$ $R4=66.3$ $R5=64.9$ $R6=71.4$ $R7=77.5$ $R8=41.8$

$R9=-40.4$ $R10=53.4$ $R11=60.4$ $R12=43.4$ $R13=69.2$ $R14=95.4$ $R15=58.2$

Optical Parameter

Luminous flux: $4461.766 lm$ luminous efficiency: $86.47 lm/w$ Radiant flux: $12.4642 W$

Electrical Parameter

Voltage: $229.9 V$ Current: $0.240 A$ Watte: $51.60 W$ Power factor: 0.934

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