



Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1850-150W-N (BF)
Manufacturer : BLED

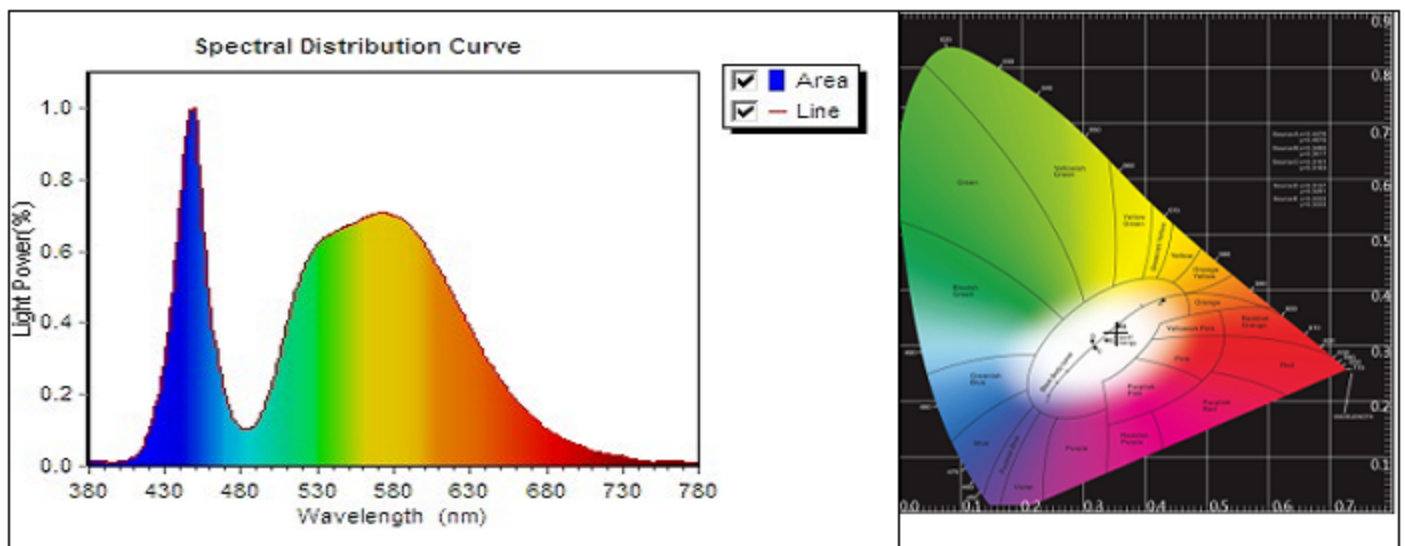
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44715 (68.2%)
Integral time. : 21ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3480$ $y=0.3633$ $u=0.2089$ $v=0.3271$ ($duv=0.0046$)

Color temperature: $TC=4934$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.25$

Peak wavelength: $\lambda_p=447.6$ nm FWHM: $\lambda_p=22.6$ nm Color ratio: $R=15.33\%$ $G=82.16\%$ $B=2.51\%$

Color rendering index (Ra): $Ra=70.2$

$R1=67.2$ $R2=74.7$ $R3=80.6$ $R4=71.1$ $R5=67.7$ $R6=65.2$ $R7=80.5$ $R8=54.5$

$R9=-38.1$ $R10=40.0$ $R11=67.6$ $R12=37.8$ $R13=68.9$ $R14=89.0$ $R15=60.9$

Optical Parameter

Luminous flux: 12874.99 lm luminous efficiency: 86.35 lm/w Radiant flux: 37.5842 W

Electrical Parameter

Voltage: 229.3 V Current: 0.702 A Wate: 149.10 W Power factor: 0.925

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