



Spectral test report for lamp

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

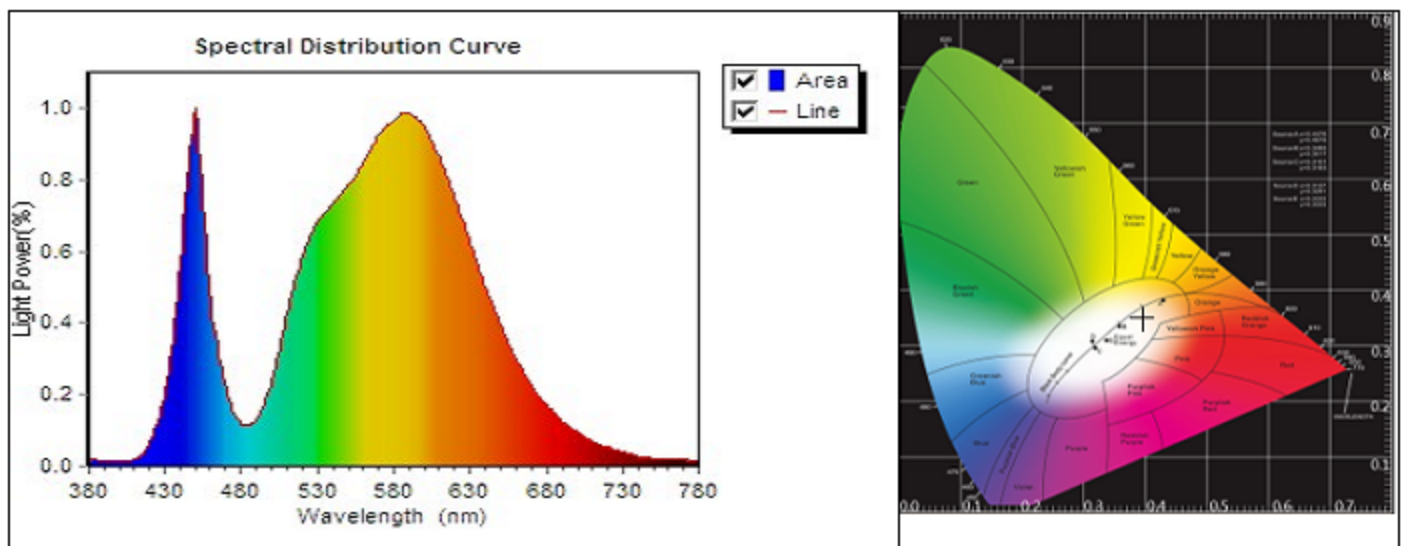
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48166 (73.5%)
Integral time. : 21ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3907$ $y=0.3876$ $u=0.2275$ $v=0.3385$ ($duv=0.0021$)

Color temperature: $TC=3815$ K Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=486.04$ nm Purity: $Purity=0.141$

Peak wavelength: $\lambda_p=449.4$ nm FWHM: $\lambda_p=20.4$ nm Color ratio: $R=18.86\%$ $G=79.14\%$ $B=2.00\%$

Color rendering index (Ra): $Ra=72$

$R1=68.9$ $R2=78.8$ $R3=87.1$ $R4=71.2$ $R5=68.4$ $R6=69.9$ $R7=80.7$ $R8=50.4$

$R9=-33.1$ $R10=49.9$ $R11=67.0$ $R12=41.2$ $R13=71.3$ $R14=92.6$ $R15=61.9$

Optical Parameter

Luminous flux: 14334.89 lm luminous efficiency: 96.14 lm/w Radiant flux: 40.6534 W

Electrical Parameter

Voltage: 229.6 V Current: 0.700 A Wate: 149.10 W Power factor: 0.927

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