



Spectral test report for lamp

Product type : LED Floodlight
Product No. : B1850-35W-N (BN)
Manufacturer : BLED

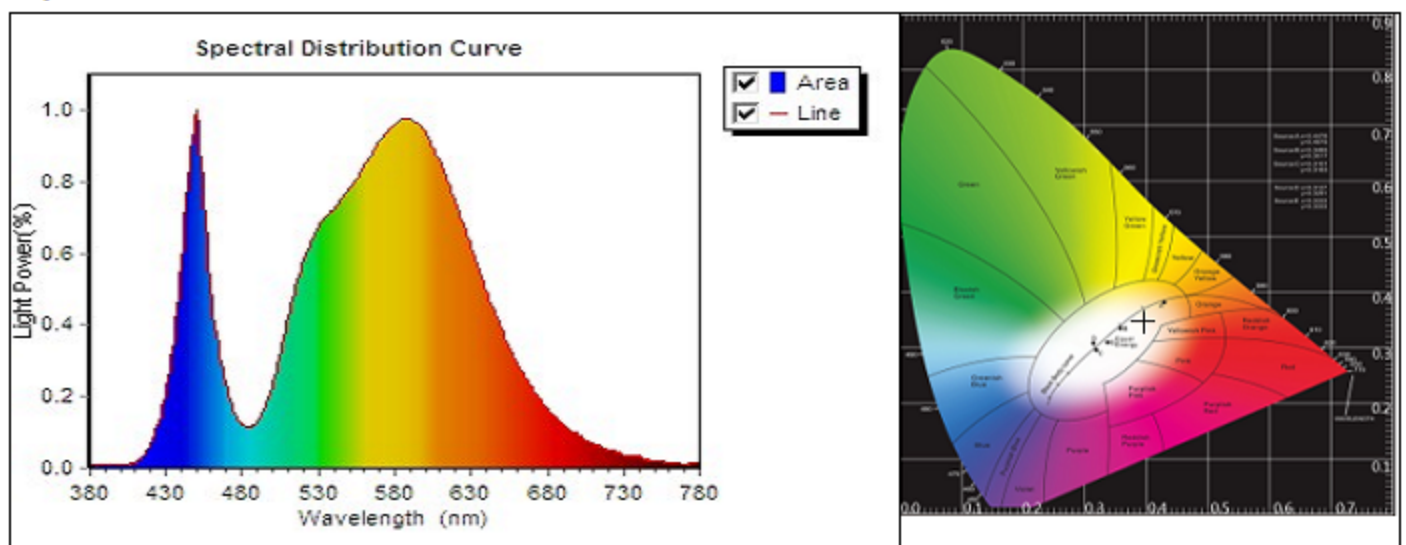
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 47753 (72.9%)
Integral time. : 60ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3892$ $y=0.3856$ $u=0.2273$ $v=0.3378$ ($duv=0.0016$)

Color temperature: $TC=3837$ K Color difference: $SDCM=4.4$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.144$

Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\lambda_p=20.6$ nm Color ratio: $R=18.81\%$ $G=79.16\%$ $B=2.03\%$

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

$R1=69.0$ $R2=78.8$ $R3=86.9$ $R4=71.1$ $R5=68.4$ $R6=69.9$ $R7=80.6$ $R8=50.5$

$R9=-32.8$ $R10=49.9$ $R11=66.9$ $R12=41.4$ $R13=71.4$ $R14=92.5$ $R15=62.1$

Optical Parameter

Luminous flux: 4634.575 lm luminous efficiency: 133.56 lm/w Radiant flux: 13.1522 W

Electrical Parameter

Voltage: 230.0 V Current: 0.160 A Wate: 34.70 W Power factor: 0.938

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