



Spectral test report for lamp

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

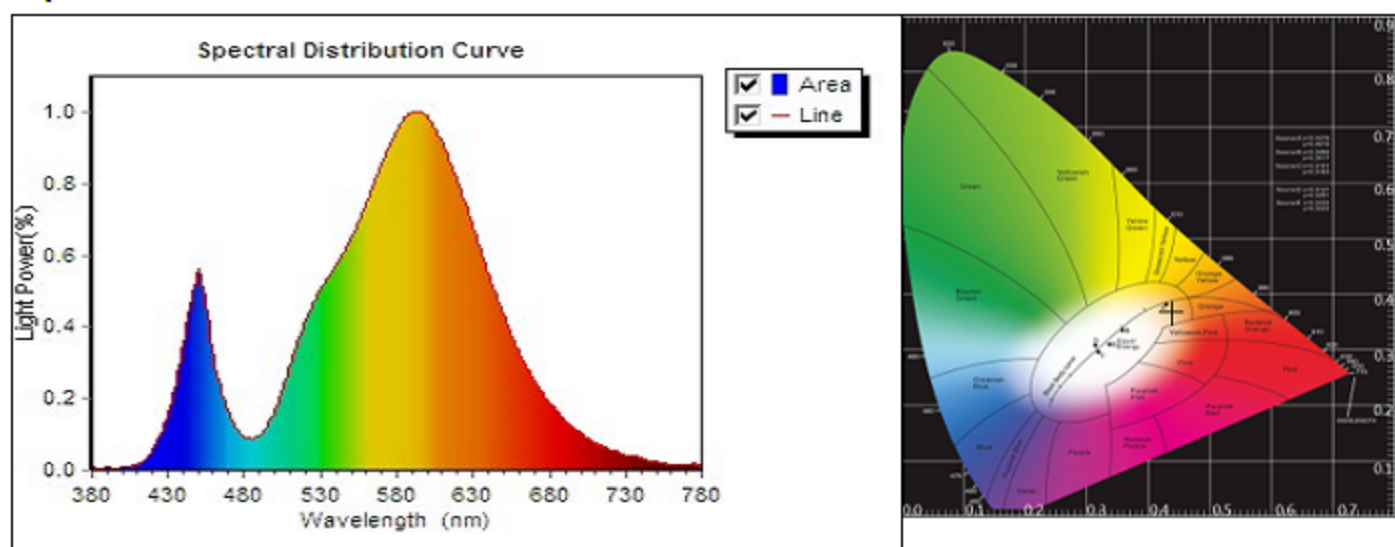
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44129 (67.3%)
Integral time. : 60ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4324$ $y=0.4038$ $u=0.2477$ $v=0.3471$ ($duv=0.0005$)

Color temperature: $TC=3076K$ Color difference: $SDCM=5.0$ Main Wavelength: $\lambda_d=487.01nm$ Purity: $Purity=0.037$

Peak wavelength: $\lambda_p=593.2 nm$ FWHM: $\lambda_p=114.5 nm$ Color ratio: $R=22.30\%$ $G=76.19\%$ $B=1.51\%$

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

$R1=66.3$ $R2=80.1$ $R3=92.0$ $R4=66.3$ $R5=65.2$ $R6=71.7$ $R7=77.4$ $R8=42.1$

$R9=-39.1$ $R10=54.0$ $R11=60.4$ $R12=44.4$ $R13=69.5$ $R14=95.4$ $R15=58.8$

Optical Parameter

Luminous flux: $3921.539 lm$ luminous efficiency: $113.67 lm/w$ Radiant flux: $11.0319 W$

Electrical Parameter

Voltage: $230.0 V$ Current: $0.161 A$ Wate: $34.50 W$ Power factor: 0.931

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