



Spectral test report for lamp

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

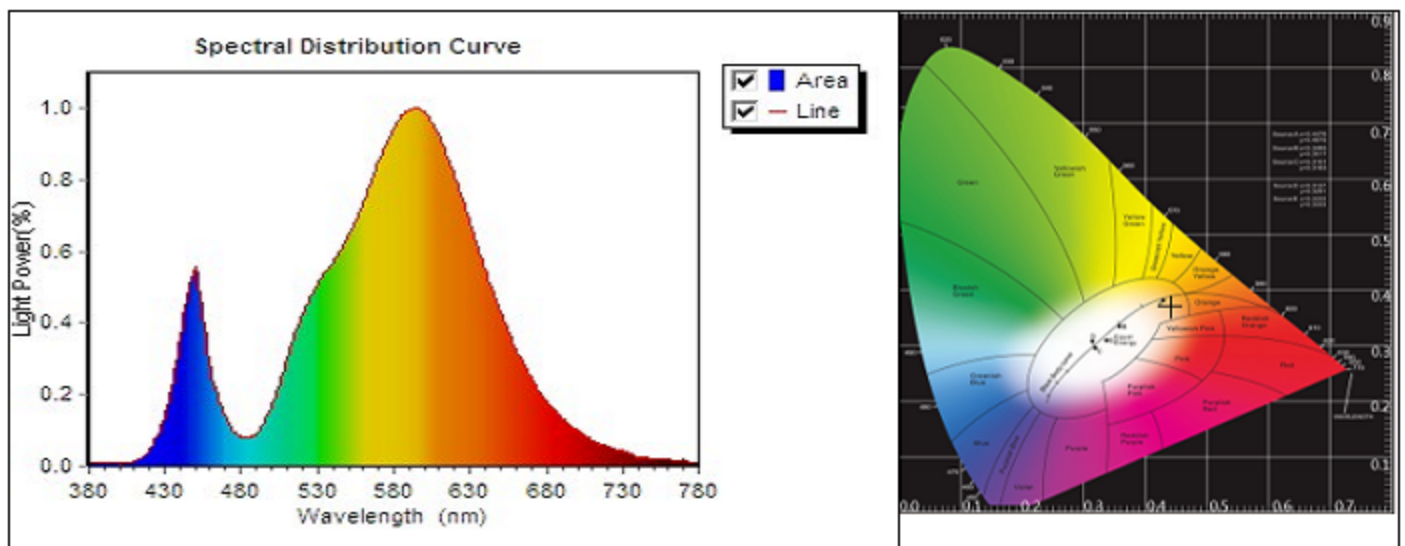
Test date. : 2024-07-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 46261 (70.6%)
Integral time. : 21ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4351$ $y=0.4072$ $u=0.2480$ $v=0.3482$ ($duv=0.0015$)

Color temperature: $TC=3057K$ Color difference: $SDCM=4.7$ Main Wavelength: $\lambda_d=490.02nm$ Purity: $Purity=0.03$

Peak wavelength: $\lambda_p=594.2 nm$ FWHM: $\lambda_p=114.9 nm$ Color ratio: $R=22.41\%$ $G=76.20\%$ $B=1.40\%$

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

$R1=66.3$ $R2=79.8$ $R3=91.9$ $R4=66.9$ $R5=65.2$ $R6=71.5$ $R7=77.5$ $R8=41.9$

$R9=-40.0$ $R10=53.4$ $R11=61.5$ $R12=43.6$ $R13=69.4$ $R14=95.3$ $R15=58.3$

Optical Parameter

Luminous flux: 12522.95 lm luminous efficiency: 83.71 lm/w Radiant flux: 34.9457 W

Electrical Parameter

Voltage: 229.3 V Current: 0.704 A Wate: 149.60 W Power factor: 0.926

MEASUREFINE

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