



Spectral test report for lamp

Product type : Led Floodlight
Product No. : B1893-N-BF
Manufacturer : BLED

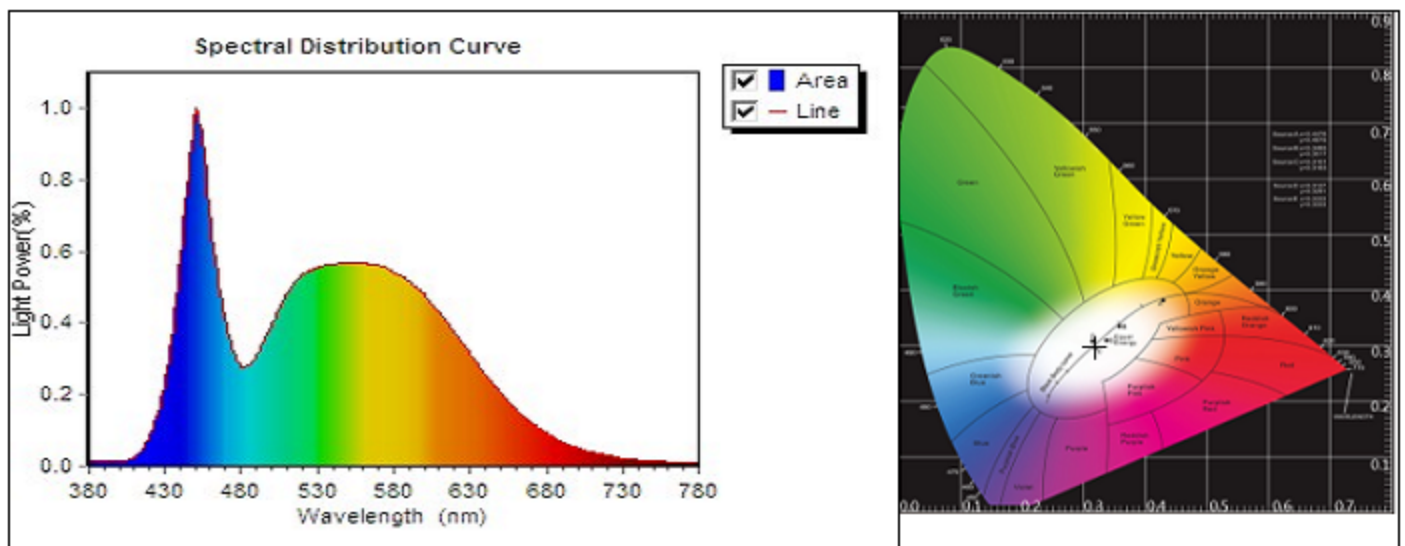
Test date. : 2024-07-22
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54861 (83.7%)
Integral time. : 117ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3134$ $y=0.3395$ $u=0.1944$ $v=0.3160$ ($duv=0.0082$)

Color temperature: $TC=6396$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.346$

Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\lambda_p=27.0$ nm Color ratio: $R=13.91\%$ $G=81.22\%$ $B=4.87\%$

Color rendering index (Ra): $Ra=80.5$

$R1=77.1$ $R2=84.6$ $R3=90.2$ $R4=80.0$ $R5=78.7$ $R6=79.5$ $R7=87.3$ $R8=65.9$

$R9=-7.9$ $R10=63.9$ $R11=78.7$ $R12=58.2$ $R13=79.9$ $R14=94.8$ $R15=71.3$

Optical Parameter

Luminous flux: 2315.911 lm luminous efficiency: 79.31 lm/w Radiant flux: 7.3621 W

Electrical Parameter

Voltage: 229.8 V Current: 0.142 A Wate: 29.20 W Power factor: 0.894

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