



Spectral test report for lamp

Product type : PROYECTOR EXTERIOR
Product No. : BFL-100W-N-BN
Manufacturer : BLED

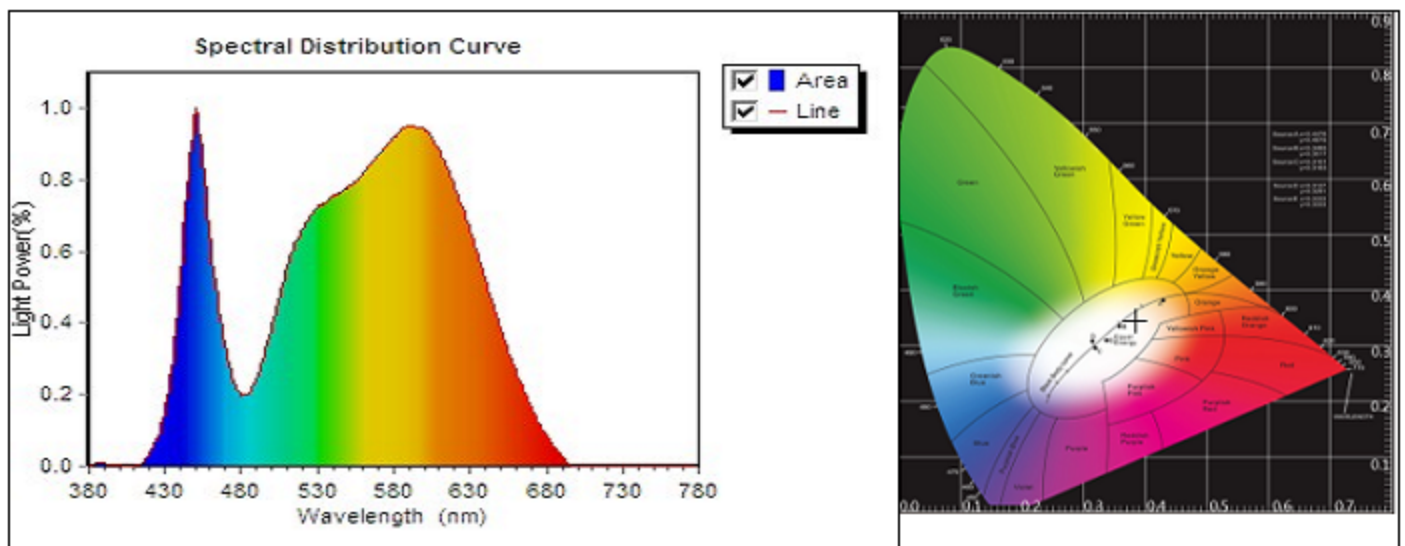
Test date. : 2025-04-10
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42119 (64.3%)
Integral time. : 30ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3788$ $y=0.3839$ $u=0.2212$ $v=0.3363$ ($duv=0.0038$)

Color temperature: $TC=4096$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=486.07$ nm Purity: $Purity=0.17$

Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\lambda_p=23.6$ nm Color ratio: $R=18.81\%$ $G=78.44\%$ $B=2.75\%$

Color rendering index (Ra): $Ra=78.5$

$R1=76.1$ $R2=84.4$ $R3=91.6$ $R4=78.5$ $R5=76.1$ $R6=78.9$ $R7=84.3$ $R8=57.4$

$R9=-15.7$ $R10=63.2$ $R11=77.1$ $R12=52.3$ $R13=78.8$ $R14=95.3$ $R15=68.2$

Optical Parameter

Luminous flux: 8454.42 lm luminous efficiency: 83.05 lm/w Radiant flux: 23.5419 W

Electrical Parameter

Voltage: 230.9 V Current: 0.447 A Wate: 101.80 W Power factor: 0.985

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