



Spectral test report for lamp

Product type : PROYECTOR EXTERIOR
Product No. : BFL-150W-N-BF
Manufacturer : BLED

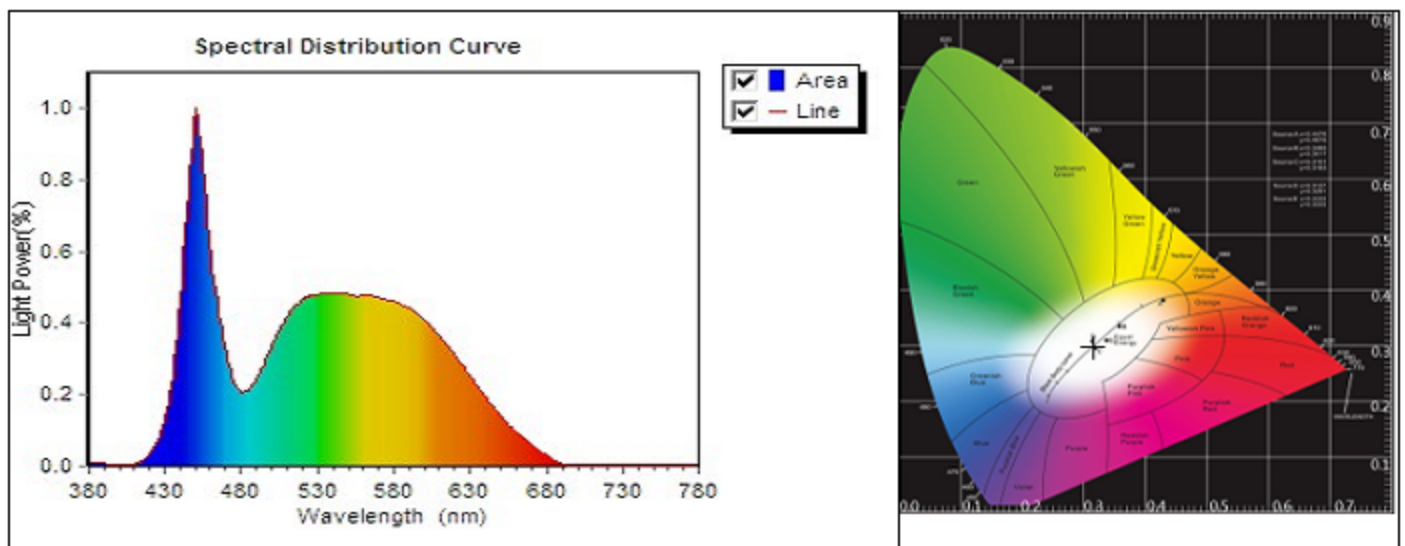
Test date. : 2025-04-10
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52565 (80.2%)
Integral time. : 19ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3109$ $y=0.3397$ $u=0.1927$ $v=0.3158$ ($duv=0.0095$)

Color temperature: $TC=6522$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=484.08$ nm Purity: $Purity=0.351$

Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\lambda_p=22.3$ nm Color ratio: $R=13.54\%$ $G=81.72\%$ $B=4.73\%$

Color rendering index (Ra): $Ra=78.8$

$R1=75.2$ $R2=83.5$ $R3=89.9$ $R4=78.4$ $R5=76.8$ $R6=78.2$ $R7=86.0$ $R8=61.8$

$R9=-22.6$ $R10=61.5$ $R11=77.4$ $R12=52.6$ $R13=78.4$ $R14=94.7$ $R15=68.0$

Optical Parameter

Luminous flux: 12585.12 lm luminous efficiency: 84.69 lm/w Radiant flux: 38.0509 W

Electrical Parameter

Voltage: 230.7 V Current: 0.653 A Wate: 148.60 W Power factor: 0.985

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