



Spectral test report for lamp

Product type : PROYECTOR EXTERIOR
Product No. : BFL-50W-N-BF
Manufacturer : BLED

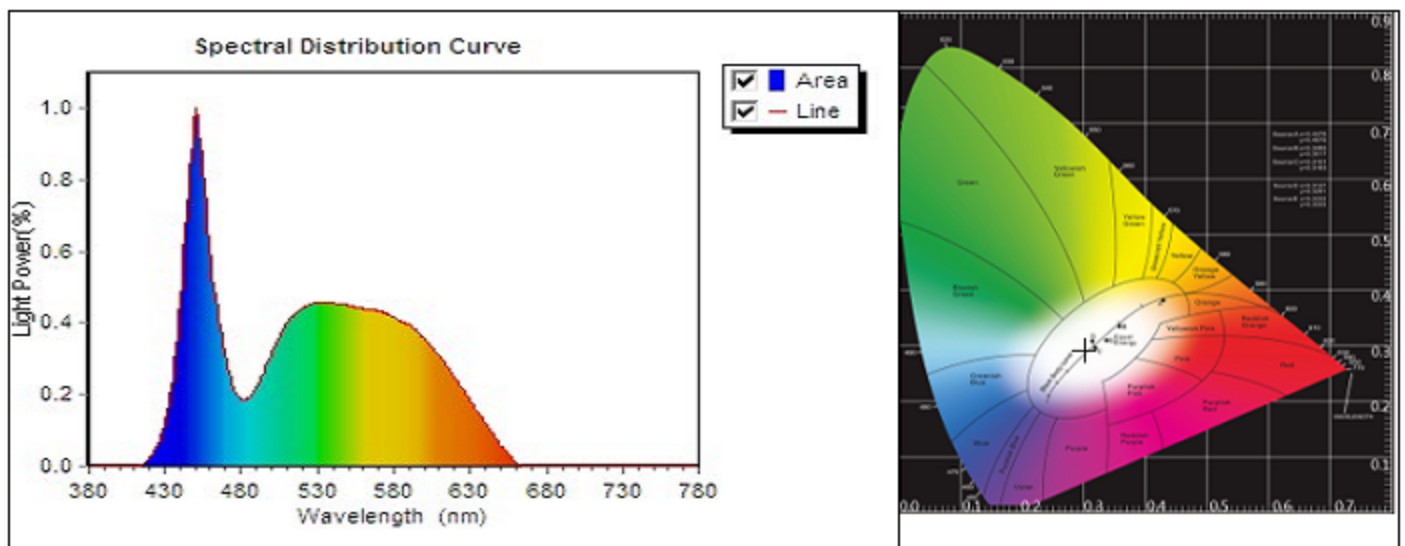
Test date. : 2025-04-10
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48633 (74.2%)
Integral time. : 48ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: x=0.2977 y=0.3345 u=0.1855 v=0.3127 (duv=0.0136)

Color temperature: TC=7282 K Color difference: SDCM=13.2 Main Wavelength: $\lambda_d=484.02\text{nm}$ Purity: Purity=0.383

Peak wavelength: $\lambda_p=450.4\text{ nm}$ FWHM: $\Delta\lambda_p=21.3\text{ nm}$ Color ratio: R=11.84% G=83.26% B=4.90%

Color rendering index (Ra): Ra=73.9

R1=68.3 R2=79.7 R3=88.9 R4=72.5 R5=71.2 R6=74.4 R7=83.4 R8=52.4

R9=-61.3 R10=53.5 R11=70.9 R12=45.9 R13=72.8 R14=94.1 R15=58.8

Optical Parameter

Luminous flux: 3991.423 lm luminous efficiency: 79.67 lm/w Radiant flux: 11.8018 W

Electrical Parameter

Voltage: 230.5 V Current: 0.221 A Wate: 50.10 W Power factor: 0.984

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