



Spectral test report for lamp

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

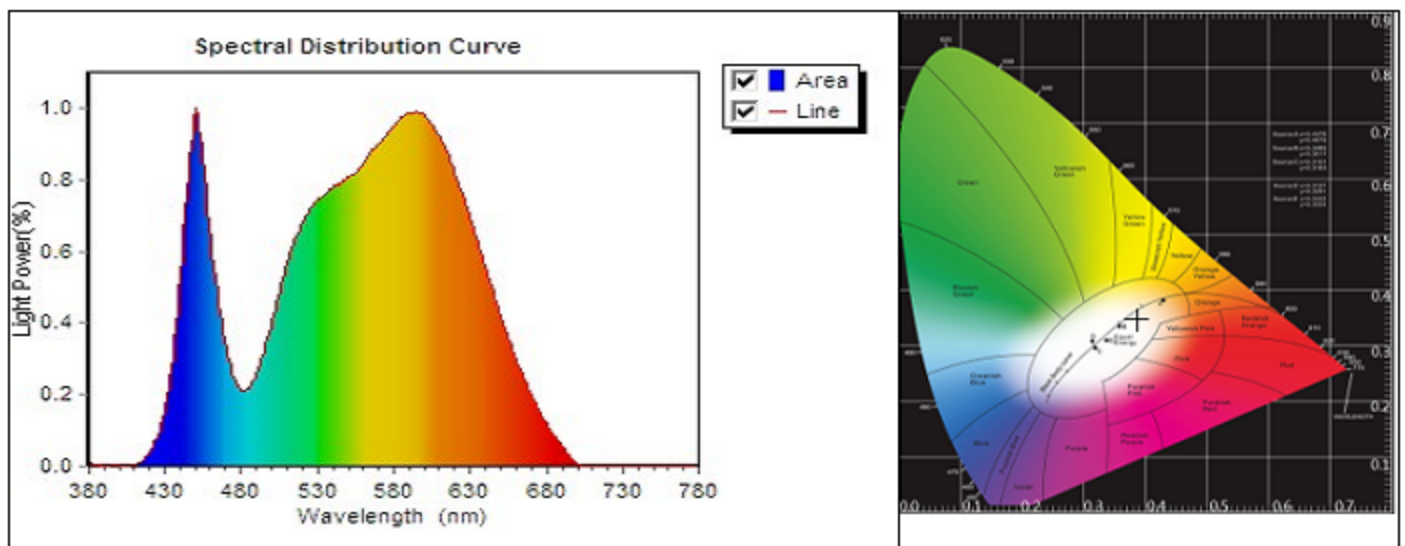
Test date. : 2025-04-10
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51276 (78.2%)
Integral time. : 71ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3816$ $y=0.3855$ $u=0.2224$ $v=0.3370$ ($duv=0.0037$)

Color temperature: $TC=4033$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=486.07$ nm Purity: $Purity=0.163$

Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\lambda_p=24.6$ nm Color ratio: $R=19.08\%$ $G=78.18\%$ $B=2.74\%$

Color rendering index (Ra): $Ra=79$

$R1=76.7$ $R2=84.8$ $R3=91.9$ $R4=79.0$ $R5=76.6$ $R6=79.4$ $R7=84.7$ $R8=58.4$

$R9=-12.3$ $R10=64.2$ $R11=77.6$ $R12=53.3$ $R13=79.4$ $R14=95.4$ $R15=69.1$

Optical Parameter

Luminous flux: 4350.909 lm luminous efficiency: 85.65 lm/w Radiant flux: 12.1993 W

Electrical Parameter

Voltage: 230.5 V Current: 0.223 A Wate: 50.80 W Power factor: 0.986

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