



Spectral test report for lamp

Product type : PROYECTOR EXTERIOR
Product No. : BFL-200W-N-BF
Manufacturer : BLED

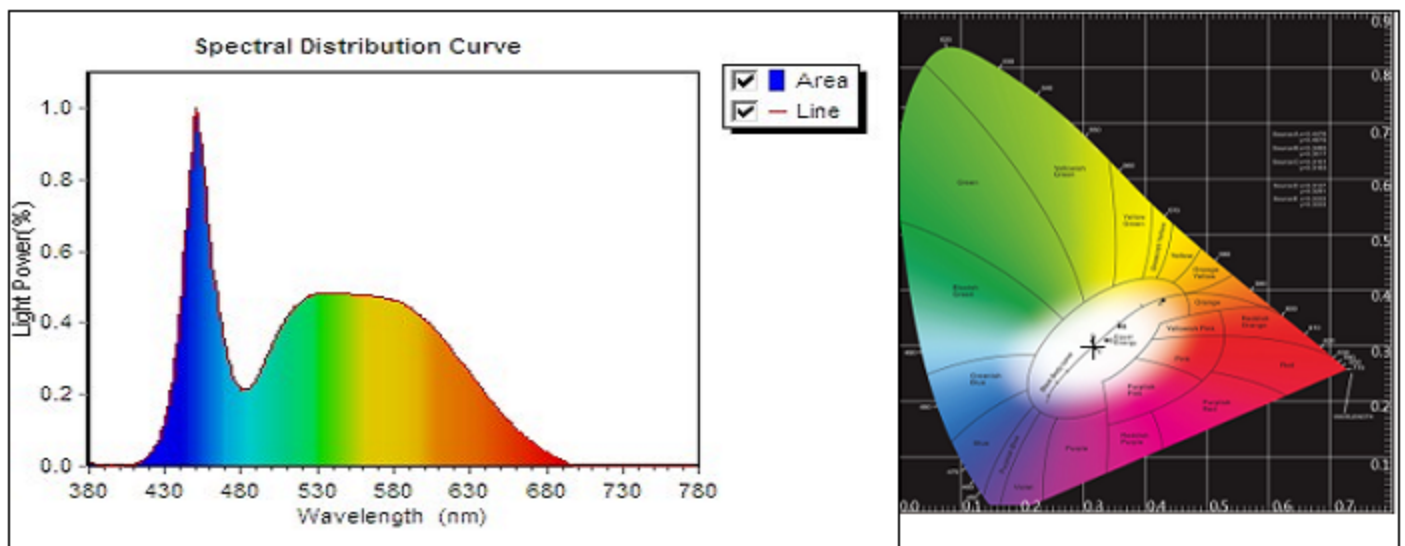
Test date. : 2025-04-10
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51037 (77.9%)
Integral time. : 12ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3116$ $y=0.3394$ $u=0.1933$ $v=0.3158$ ($duv=0.0090$)

Color temperature: $TC=6486$ K Color difference: $SDCM=2.6$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.349$

Peak wavelength: $\lambda_p=450.7$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=13.69\%$ $G=81.53\%$ $B=4.78\%$

Color rendering index (Ra): $Ra=79.4$

$R1=76.0$ $R2=84.1$ $R3=90.2$ $R4=78.9$ $R5=77.4$ $R6=78.8$ $R7=86.4$ $R8=62.9$

$R9=-18.1$ $R10=62.8$ $R11=77.9$ $R12=53.1$ $R13=79.2$ $R14=94.9$ $R15=69.2$

Optical Parameter

Luminous flux: 16081.72 lm luminous efficiency: 82.51 lm/w Radiant flux: 48.8782 W

Electrical Parameter

Voltage: 230.5 V Current: 0.859 A Wate: 194.90 W Power factor: 0.984

MEASUREFINE

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