



## Spectral test report for lamp

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

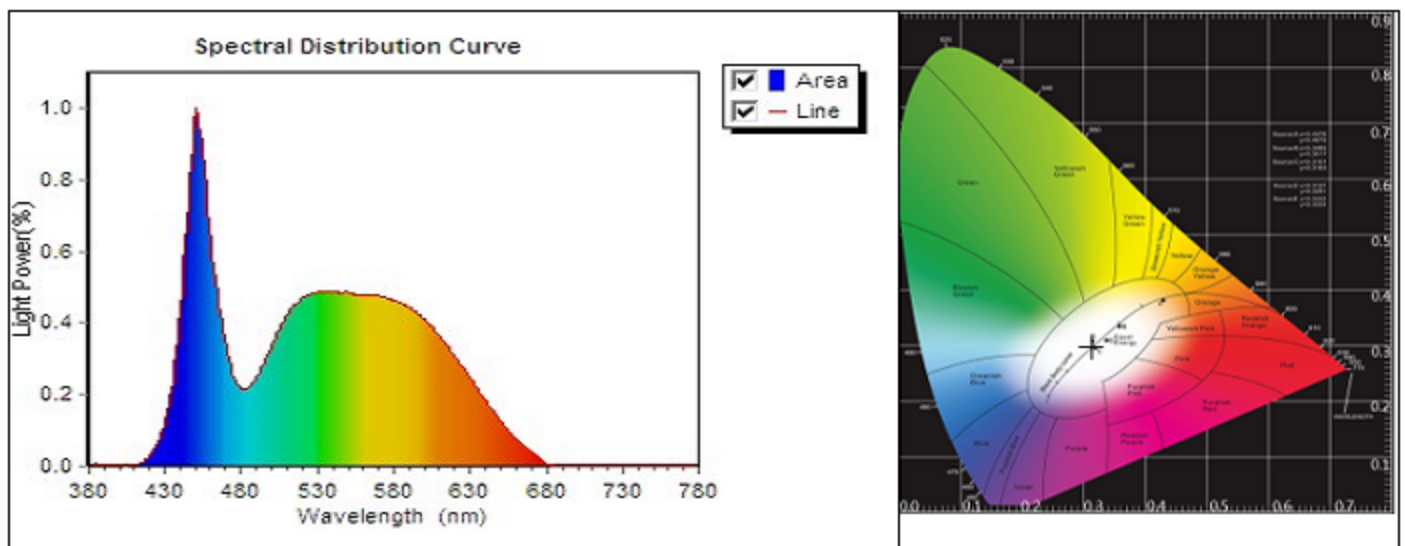
Test date. : 2025-04-10  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 59166 (90.3%)  
Integral time. : 30ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3094$   $y=0.3401$   $u=0.1915$   $v=0.3158$  ( $duv=0.0104$ )

Color temperature:  $TC=6596$  K Color difference:  $SDCM=5.0$  Main Wavelength:  $\lambda_d=484.1$  nm Purity:  $Purity=0.353$

Peak wavelength:  $\lambda_p=451.0$  nm FWHM:  $\lambda_p=21.9$  nm Color ratio:  $R=13.31\%$   $G=81.86\%$   $B=4.83\%$

Color rendering index (Ra):  $Ra=78.1$

$R1=74.1$   $R2=83.4$   $R3=90.5$   $R4=77.1$   $R5=75.8$   $R6=78.2$   $R7=85.6$   $R8=59.6$

$R9=-29.8$   $R10=61.4$   $R11=76.0$   $R12=51.4$   $R13=77.8$   $R14=95.0$   $R15=66.4$

### Optical Parameter

Luminous flux: 8345.112 lm luminous efficiency: 83.87 lm/w Radiant flux: 24.9719 W

### Electrical Parameter

Voltage: 230.7 V Current: 0.438 A Wate: 99.50 W Power factor: 0.985

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