



## Spectral test report for lamp

Product type : PLAFÓN  
Product No. : LYC-1838-50-N (BN)  
Manufacturer : BLED

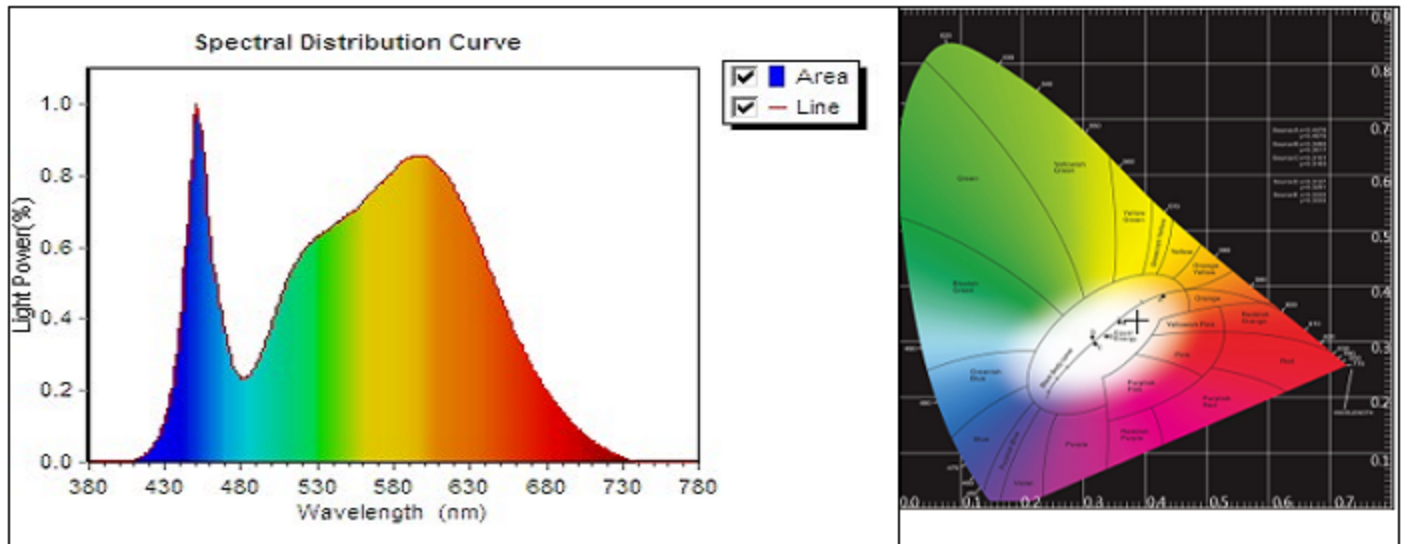
Test date. : 2025-04-02  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 51943 (79.3%)  
Integral time. : 90ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3809$   $y=0.3763$   $u=0.2256$   $v=0.3343$  ( $duv=-0.0004$ )

Color temperature:  $TC=3985$  K Color difference:  $SDCM=2.3$  Main Wavelength:  $\lambda_d=484.08$  nm Purity:  $Purity=0.169$

Peak wavelength:  $\lambda_p=451.2$  nm FWHM:  $\lambda_p=21.1$  nm Color ratio:  $R=20.16\%$   $G=76.68\%$   $B=3.16\%$

Color rendering index (Ra):  $Ra=84.2$

$R1=83.2$   $R2=89.7$   $R3=94.0$   $R4=83.8$   $R5=82.9$   $R6=85.1$   $R7=87.2$   $R8=67.7$

$R9=16.3$   $R10=74.8$   $R11=83.0$   $R12=61.1$   $R13=85.4$   $R14=96.6$   $R15=77.8$

### Optical Parameter

Luminous flux: 3704.855 lm luminous efficiency: 106.46 lm/w Radiant flux: 11.1588 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.158 A Wate: 34.80 W Power factor: 0.954

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