



## Spectral test report for lamp

Product type : DOWNLIGHT  
Product No. : B8590-CCT\_BC  
Manufacturer : BLED

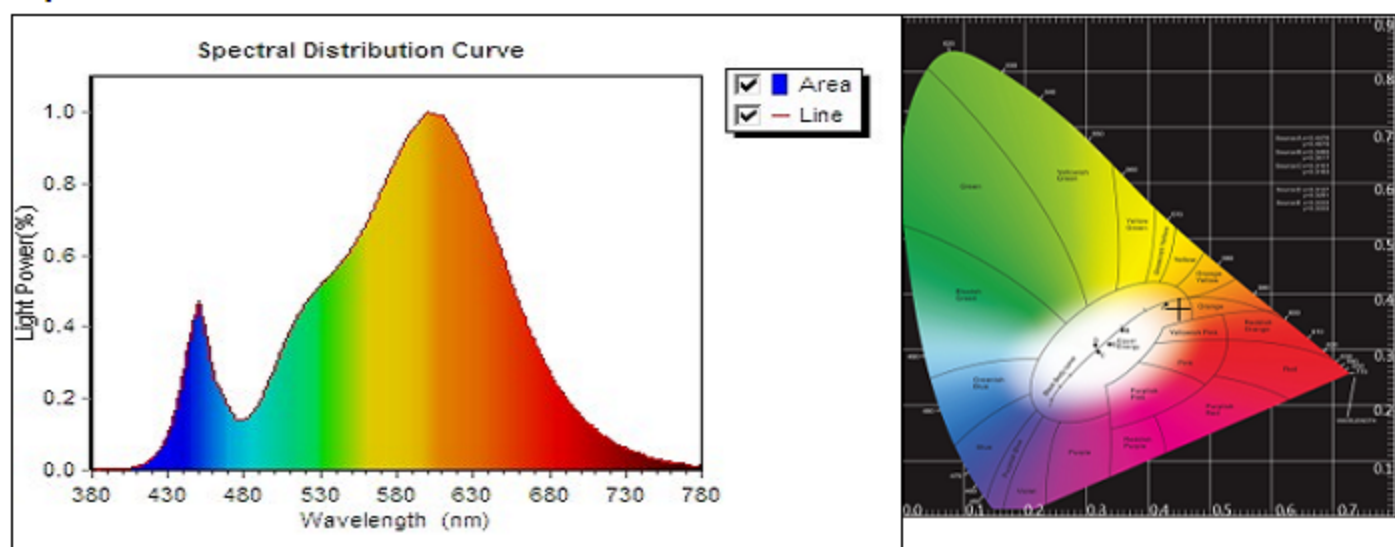
Test date. : 2019-09-13  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 35358 (54.0%)  
Integral time. : 41ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates: x=0.4425 y=0.4100 u=0.2516 v=0.3497 (duv=0.0016)

Color temperature: TC=2957 K Color difference: SDCM=3.0 Main Wavelength:  $\lambda_d=496.05\text{nm}$  Purity: Purity=0.013

Peak wavelength:  $\lambda_p=601.3\text{nm}$  FWHM:  $\Delta\lambda_p=130.3\text{nm}$  Color ratio: R=24.69% G=73.43% B=1.88%

Color rendering index (Ra): Ra=81.3

R1=79.2 R2=88.3 R3=96.5 R4=80.2 R5=78.9 R6=85.2 R7=83.6 R8=58.3

R9=3.3 R10=73.3 R11=79.2 R12=66.5 R13=81.7 R14=98.0 R15=71.7

### Optical Parameter

Luminous flux: 4411.708 lm luminous efficiency: 111.41 lm/w Radiant flux: 13.2573 W

### Electrical Parameter

Voltage: 230.4 V Current: 0.177 A Wate: 39.60 W Power factor: 0.969

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