



## Spectral test report for lamp

Product type : DOWNLIGHT  
Product No. : B1030-B-18W-BF  
Manufacturer : BLED

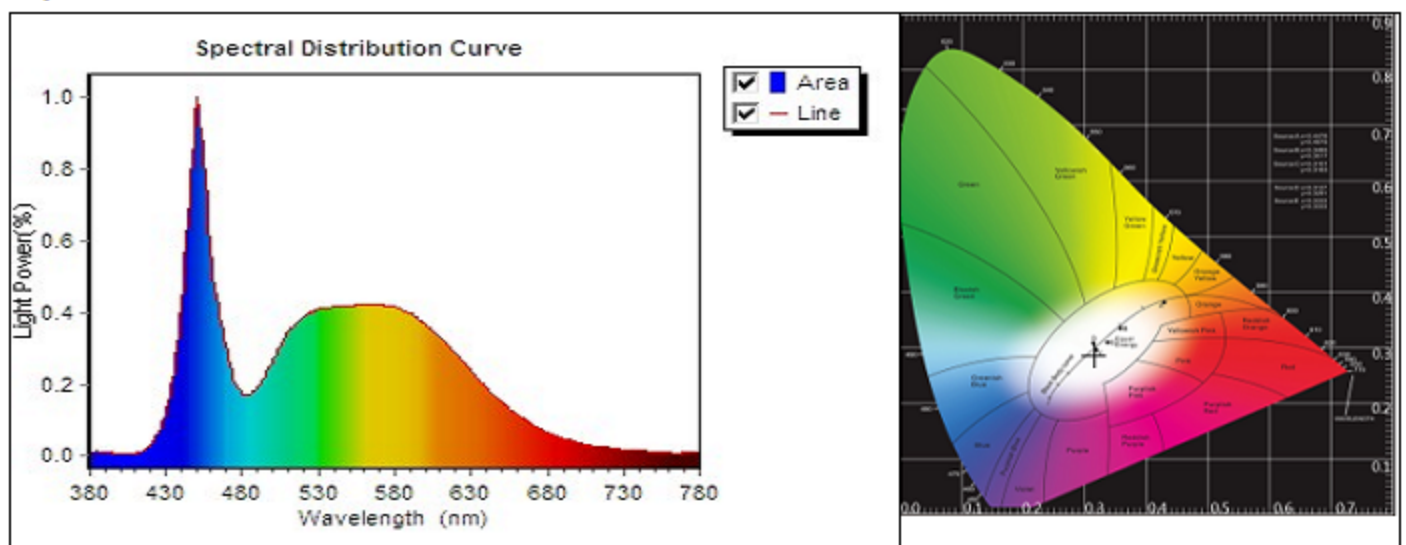
Test date. : 2021-03-12  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 55585 (84.8%)  
Integral time. : 93ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3123$   $y=0.3288$   $u=0.1977$   $v=0.3121$  ( $duv=0.0033$ )

Color temperature:  $TC=6528$  K Color difference:  $SDCM=5.1$  Main Wavelength:  $\lambda_d=483.09$  nm Purity:  $Purity=0.357$

Peak wavelength:  $\lambda_p=450.7$  nm FWHM:  $\Delta\lambda_p=19.6$  nm Color ratio:  $R=14.25\%$   $G=81.03\%$   $B=4.72\%$

Color rendering index (Ra):  $Ra=80.7$

$R1=79.0$   $R2=84.8$   $R3=87.8$   $R4=81.3$   $R5=79.8$   $R6=78.2$   $R7=86.8$   $R8=67.7$

$R9=-2.2$   $R10=63.1$   $R11=80.3$   $R12=53.0$   $R13=81.2$   $R14=93.4$   $R15=74.5$

### Optical Parameter

Luminous flux: 2031.017 lm luminous efficiency: 106.34 lm/w Radiant flux: 6.5162 W

### Electrical Parameter

Voltage: 230.2 V Current: 0.144 A Wate: 19.10 W Power factor: 0.576

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