



## Spectral test report for lamp

Product type : DOWNLIGHT LED  
Product No. : B1277-BF  
Manufacturer : BLED

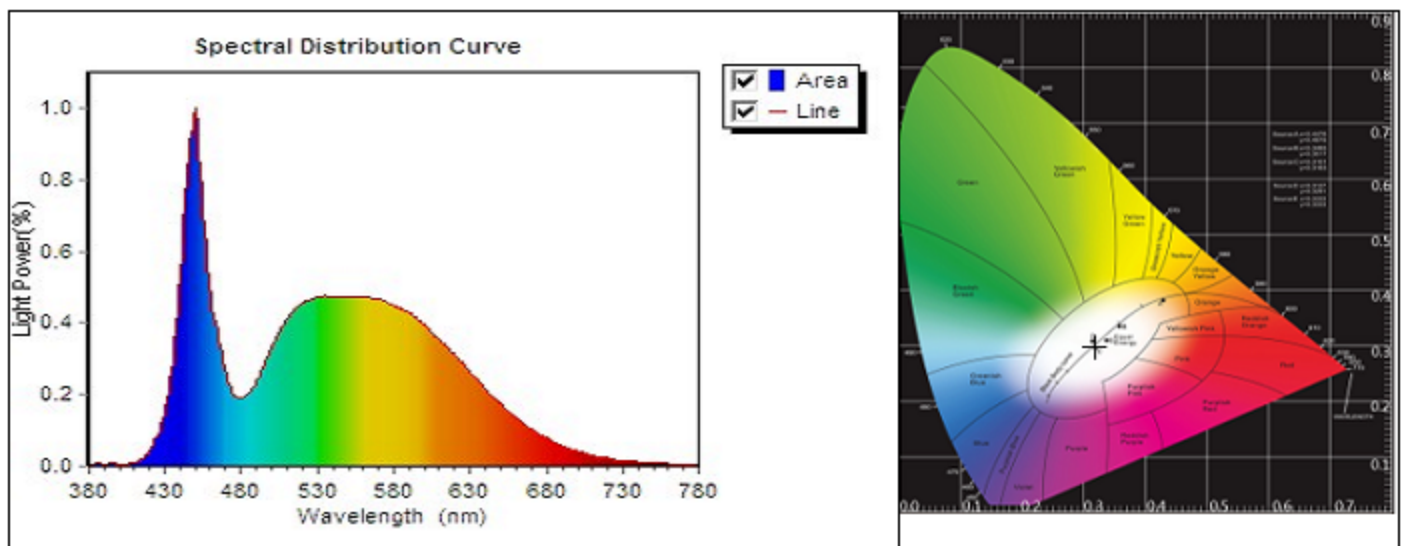
Test date. : 2023-10-16  
Test equipment : SPEC2000A Spectrometer  
Operator. : BL20230209XMT

### Test Condition

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

Humidity : 65%  
Peak AD. : 51436 (78.5%)  
Integral time. : 169ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3136$   $y=0.3399$   $u=0.1944$   $v=0.3161$  ( $duv=0.0083$ )

Color temperature:  $TC=6384$  K Color difference:  $SDCM=1.7$  Main Wavelength:  $\lambda_d=484.07$  nm Purity:  $Purity=0.345$

Peak wavelength:  $\lambda_p=449.0$  nm FWHM:  $\lambda_p=19.5$  nm Color ratio:  $R=13.84\%$   $G=81.67\%$   $B=4.49\%$

Color rendering index (Ra):  $Ra=79.6$

$R1=76.5$   $R2=82.8$   $R3=88.1$   $R4=80.1$   $R5=78.2$   $R6=77.4$   $R7=86.5$   $R8=66.4$

$R9=-8.0$   $R10=60.2$   $R11=79.4$   $R12=55.0$   $R13=78.7$   $R14=93.7$   $R15=70.8$

### Optical Parameter

Luminous flux: 1246.779 lm luminous efficiency: 85.4 lm/w Radiant flux: 3.9196 W

### Electrical Parameter

Voltage: 230.2 V Current: 0.103 A Wate: 14.60 W Power factor: 0.609

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