



## Spectral test report for lamp

Product type : PANEL LED  
Product No. : B5235-BN  
Manufacturer : BLED

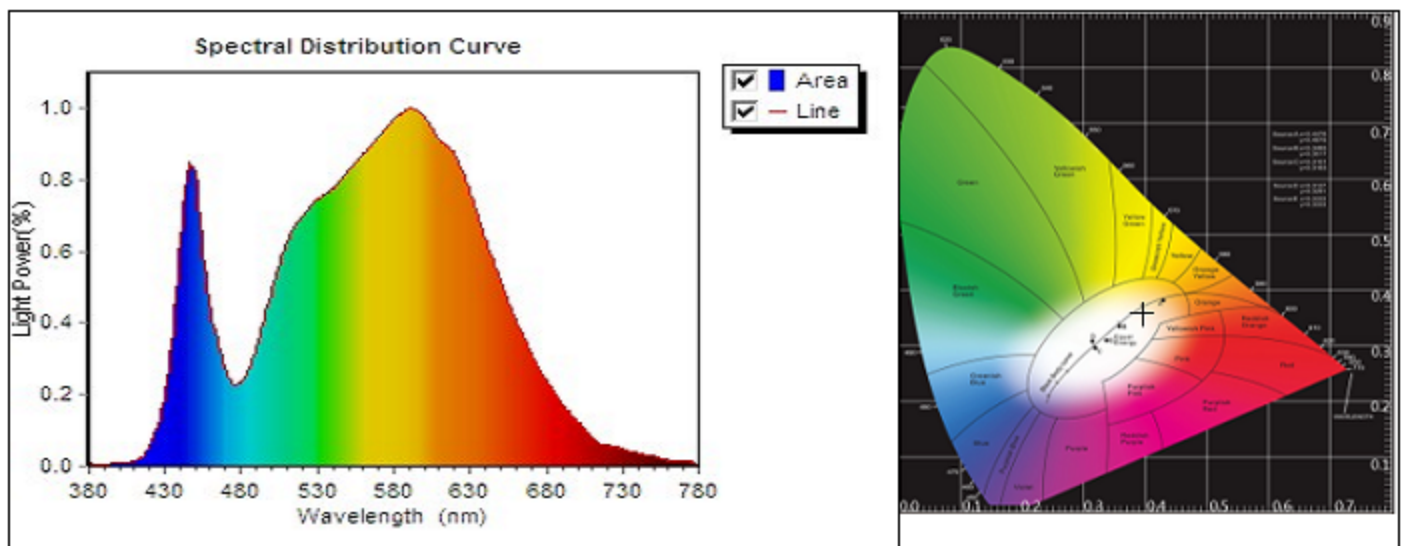
Test date. : 2021-01-21  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 36317 (55.4%)  
Integral time. : 61ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3892$   $y=0.3956$   $u=0.2234$   $v=0.3406$  ( $duv=0.0061$ )

Color temperature:  $TC=3910$  K Color difference:  $SDCM=5.9$  Main Wavelength:  $\lambda_d=488.06$  nm Purity:  $Purity=0.141$

Peak wavelength:  $\lambda_p=591.0$  nm FWHM:  $\lambda_p=151.7$  nm Color ratio:  $R=19.39\%$   $G=77.90\%$   $B=2.72\%$

Color rendering index (Ra):  $Ra=81.2$

$R1=78.3$   $R2=85.5$   $R3=93.2$   $R4=81.8$   $R5=78.7$   $R6=81.1$   $R7=87.0$   $R8=63.6$

$R9=2.2$   $R10=67.2$   $R11=81.1$   $R12=60.8$   $R13=80.4$   $R14=96.2$   $R15=71.1$

### Optical Parameter

Luminous flux: 3431.781 lm luminous efficiency: 78.0 lm/w Radiant flux: 10.1178 W

### Electrical Parameter

Voltage: 230.6 V Current: 0.198 A Watto: 44.00 W Power factor: 0.961

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