



## Spectral test report for lamp

Product type : PANEL  
Product No. : B5235-UGR18-BN  
Manufacturer : BLED

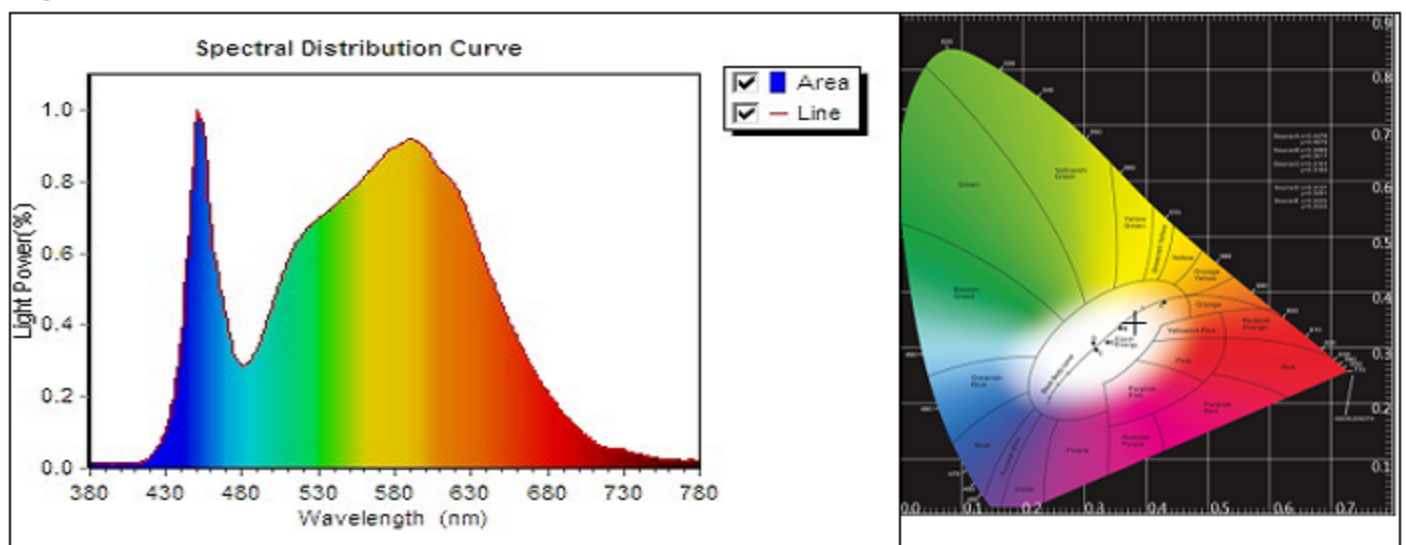
Test date. : 2021-10-08  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 37235 (56.8%)  
Integral time. : 71ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3771$   $y=0.3843$   $u=0.2200$   $v=0.3362$  ( $duv=0.0045$ )

Color temperature:  $TC=4144$  K Color difference:  $SDCM=3.7$  Main Wavelength:  $\lambda_d=486.01$  nm Purity:  $Purity=0.173$

Peak wavelength:  $\lambda_p=451.9$  nm FWHM:  $\lambda_p=22.6$  nm Color ratio:  $R=18.86\%$   $G=77.82\%$   $B=3.32\%$

Color rendering index (Ra):  $Ra=82.3$

$R1=79.8$   $R2=88.1$   $R3=95.0$   $R4=80.8$   $R5=79.7$   $R6=83.5$   $R7=87.1$   $R8=64.5$

$R9=5.6$   $R10=72.0$   $R11=79.6$   $R12=57.2$   $R13=82.6$   $R14=97.3$   $R15=73.3$

### Optical Parameter

Luminous flux: 2980.092 lm luminous efficiency: 68.19 lm/w Radiant flux: 8.9471 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.197 A Wate: 43.70 W Power factor: 0.963

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