



## Spectral test report for lamp

Product type : PANEL RGBW  
Product No. : B5235-RGBW\_BC  
Manufacturer : BLED

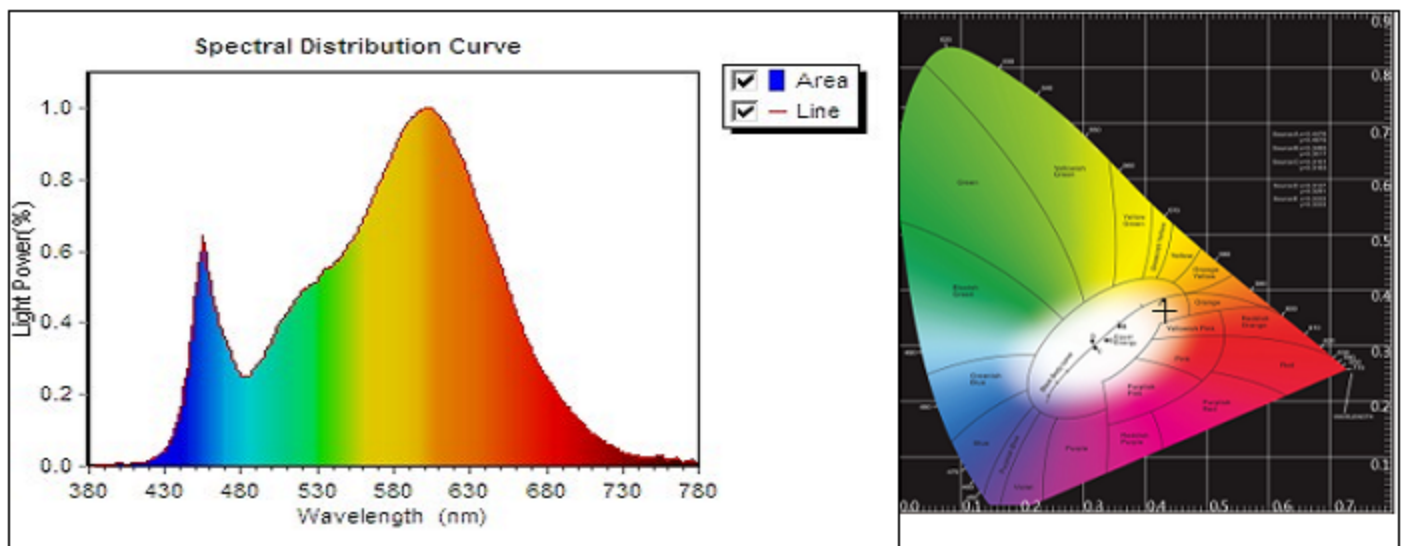
Test date. : 2022-02-01  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 35426 (54.1%)  
Integral time. : 52ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4266$   $y=0.4004$   $u=0.2455$   $v=0.3456$  ( $duv=0.0001$ )

Color temperature:  $TC=3151K$  Color difference:  $SDCM=7.6$  Main Wavelength:  $\lambda_d=486.06nm$  Purity:  $Purity=0.052$

Peak wavelength:  $\lambda_p=602.9 nm$  FWHM:  $\lambda_p=131.3 nm$  Color ratio:  $R=23.85\%$   $G=73.37\%$   $B=2.77\%$

Color rendering index (Ra):  $Ra=83.1$

$R1=82.1$   $R2=93.0$   $R3=94.3$   $R4=80.2$   $R5=82.5$   $R6=91.5$   $R7=81.8$   $R8=58.7$

$R9=7.0$   $R10=84.1$   $R11=80.0$   $R12=70.9$   $R13=85.8$   $R14=97.5$   $R15=74.3$

### Optical Parameter

Luminous flux:  $3505.688 lm$  luminous efficiency:  $88.08 lm/w$  Radiant flux:  $10.5669 W$

### Electrical Parameter

Voltage:  $230.4 V$  Current:  $0.179 A$  Wate:  $39.80 W$  Power factor:  $0.965$

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