



## Spectral test report for lamp

Product type : BOMBILLA G45  
Product No. : B1316-E14-2-BC  
Manufacturer : BLED

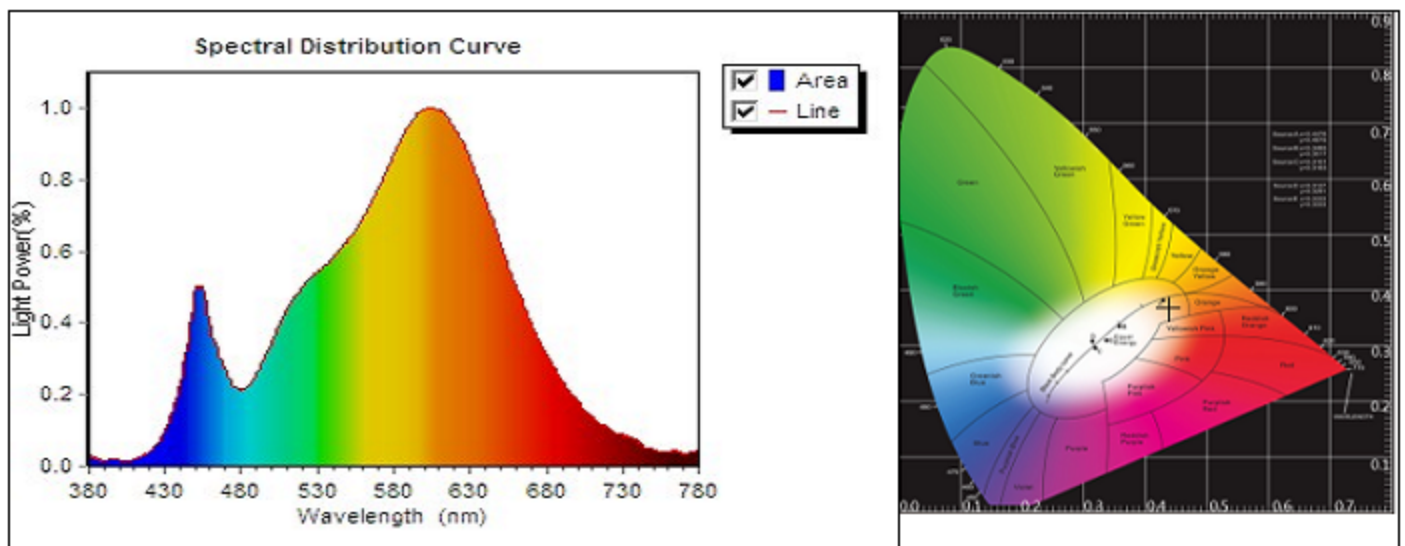
Test date. : 2021-05-26  
Test equipment : SPEC2000A Spectrometer  
Operator. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 51597 (78.7%)  
Integral time. : 561ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4323$   $y=0.4035$   $u=0.2479$   $v=0.3470$  ( $duv=0.0004$ )

Color temperature:  $TC=3074K$  Color difference:  $SDCM=4.9$  Main Wavelength:  $\lambda_d=487.05nm$  Purity:  $Purity=0.037$

Peak wavelength:  $\lambda_p=604.9 nm$  FWHM:  $\lambda_p=141.1 nm$  Color ratio:  $R=24.46\%$   $G=73.12\%$   $B=2.43\%$

Color rendering index (Ra):  $Ra=85.2$

$R1=83.8$   $R2=92.1$   $R3=97.2$   $R4=84.0$   $R5=84.1$   $R6=90.6$   $R7=85.0$   $R8=64.0$

$R9=17.4$   $R10=81.8$   $R11=84.1$   $R12=74.2$   $R13=86.6$   $R14=99.1$   $R15=76.8$

### Optical Parameter

Luminous flux:  $498.488 lm$  luminous efficiency:  $124.62 lm/w$  Radiant flux:  $1.563 W$

### Electrical Parameter

Voltage:  $230.5 V$  Current:  $0.031 A$  Watto:  $4.00 W$  Power factor:  $0.553$

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