



## Spectral test report for lamp

Product type : BOMBILLA  
Product No. : BSC1-PAR16GU10-100-D-270  
Manufacturer : BLED

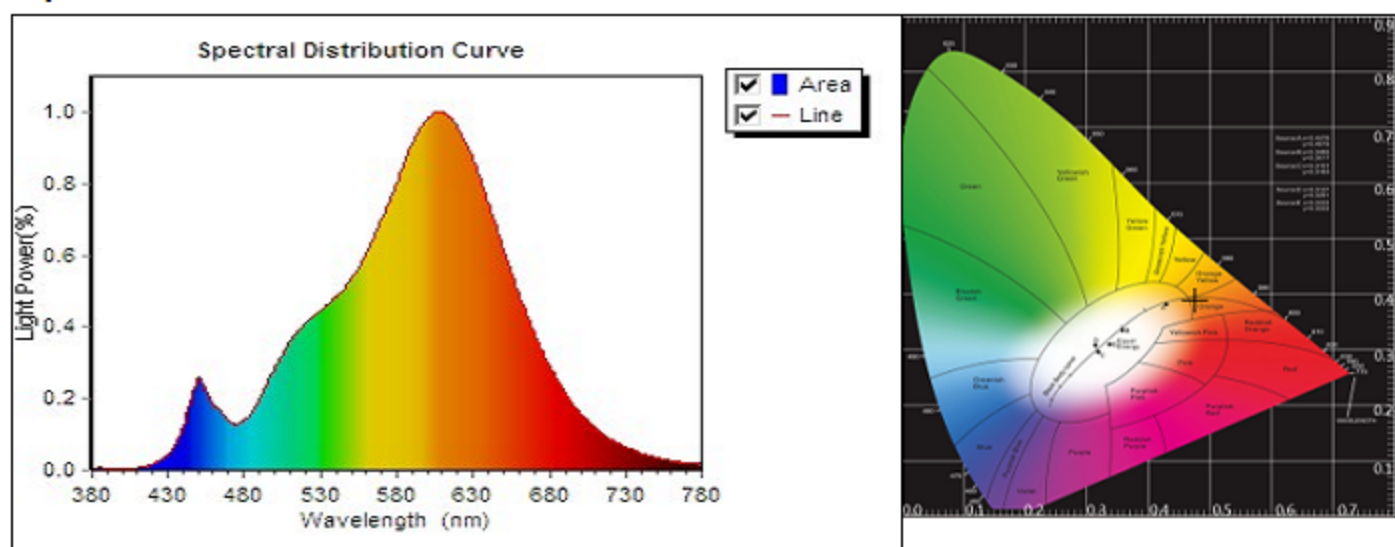
Test date. : 2025-08-22  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 48842 (74.5%)  
Integral time. : 8ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4699$   $y=0.4253$   $u=0.2623$   $v=0.3562$  ( $duv=0.0045$ )  
Color temperature:  $TC=2677$  K Color difference:  $SDCM=3.8$  Main Wavelength:  $\lambda_d=580.04$  nm Purity:  $Purity=0.28$   
Peak wavelength:  $\lambda_p=608.0$  nm FWHM:  $\lambda_p=114.5$  nm Color ratio:  $R=27.11\%$   $G=71.16\%$   $B=1.73\%$

Color rendering index (Ra):  $Ra=83.3$

$R1=81.3$   $R2=90.8$   $R3=97.4$   $R4=82.5$   $R5=81.6$   $R6=90.7$   $R7=83.7$   $R8=58.4$   
 $R9=7.4$   $R10=80.1$   $R11=83.1$   $R12=74.6$   $R13=84.3$   $R14=99.1$   $R15=72.1$

### Optical Parameter

Luminous flux: 775.021 lm luminous efficiency: 143.52 lm/w Radiant flux: 2.3533 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.033 A Watte: 5.40 W Power factor: 0.707

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