



## Spectral test report for lamp

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

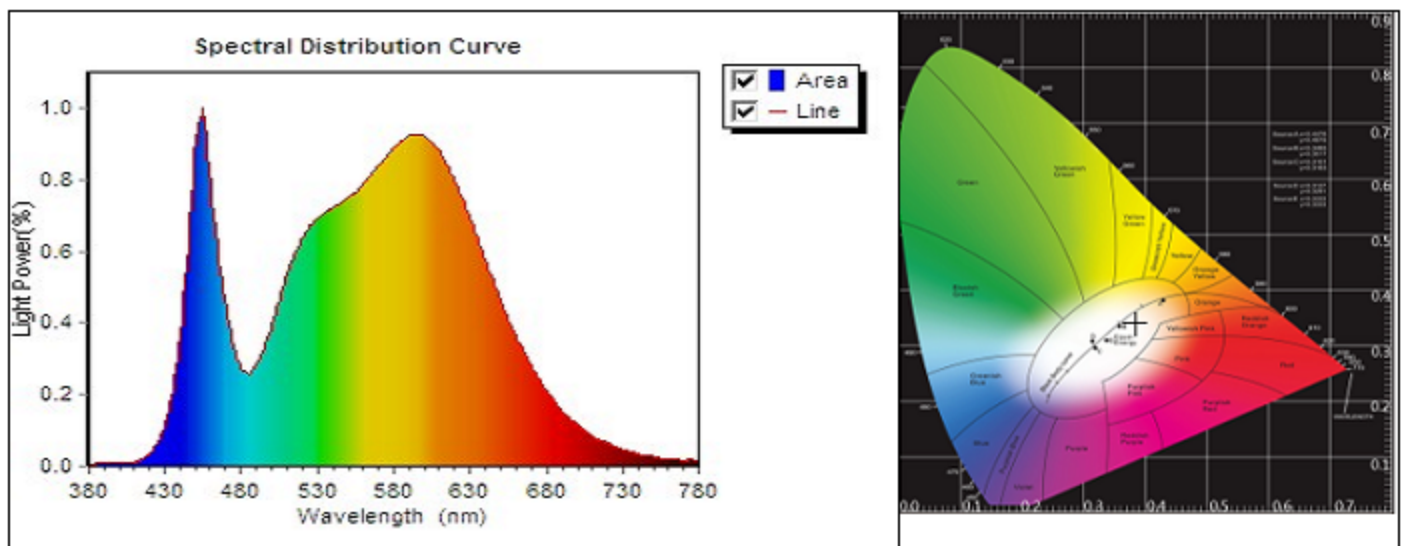
Test date. : 2025-08-22  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 44114 (67.3%)  
Integral time. : 8ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3796$   $y=0.3794$   $u=0.2235$   $v=0.3351$  ( $duv=0.0015$ )

Color temperature:  $TC=4042$  K Color difference:  $SDCM=0.2$  Main Wavelength:  $\lambda_d=485.05$  nm Purity:  $Purity=0.17$

Peak wavelength:  $\lambda_p=453.9$  nm FWHM:  $\lambda_p=25.2$  nm Color ratio:  $R=19.65\%$   $G=77.12\%$   $B=3.23\%$

Color rendering index (Ra):  $Ra=82.8$

$R1=81.3$   $R2=89.1$   $R3=94.4$   $R4=81.5$   $R5=80.8$   $R6=84.3$   $R7=86.4$   $R8=64.6$

$R9=7.7$   $R10=73.2$   $R11=80.1$   $R12=57.5$   $R13=84.1$   $R14=96.9$   $R15=75.2$

### Optical Parameter

Luminous flux: 806.093 lm luminous efficiency: 146.56 lm/w Radiant flux: 2.431 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.032 A Watte: 5.50 W Power factor: 0.732

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