



## Spectral test report for lamp

Product type : BOMBILLA  
Product No. : BS1-AR111GU10-12W-D-BN  
Manufacturer : BLED

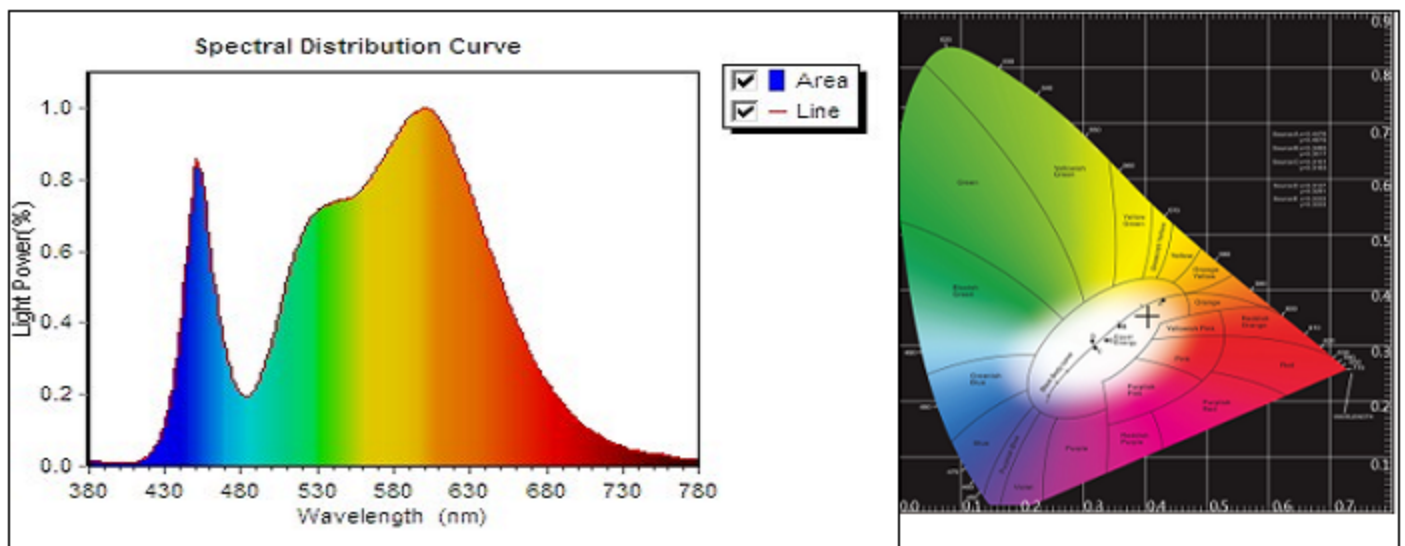
Test date. : 2025-07-17  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 49054 (74.9%)  
Integral time. : 300ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3979$   $y=0.3908$   $u=0.2309$   $v=0.3401$  ( $duv=0.0017$ )

Color temperature:  $TC=3669$  K Color difference:  $SDCM=5.9$  Main Wavelength:  $\lambda_d=486.01$  nm Purity:  $Purity=0.123$

Peak wavelength:  $\lambda_p=600.8$  nm FWHM:  $\lambda_p=143.3$  nm Color ratio:  $R=21.17\%$   $G=76.30\%$   $B=2.53\%$

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

$R1=81.8$   $R2=88.0$   $R3=93.0$   $R4=83.3$   $R5=81.1$   $R6=83.7$   $R7=86.6$   $R8=64.3$

$R9=7.9$   $R10=70.9$   $R11=82.6$   $R12=58.6$   $R13=84.1$   $R14=95.8$   $R15=75.0$

### Optical Parameter

Luminous flux: 1033.041 lm luminous efficiency: 75.4 lm/w Radiant flux: 3.0862 W

### Electrical Parameter

Voltage: 230.6 V Current: 0.064 A Wate: 13.70 W Power factor: 0.926

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