



## Spectral test report for lamp

Product type : LED GU10  
Product No. : BSC1-PAR16GU10-RA90-BC  
Manufacturer : BLED

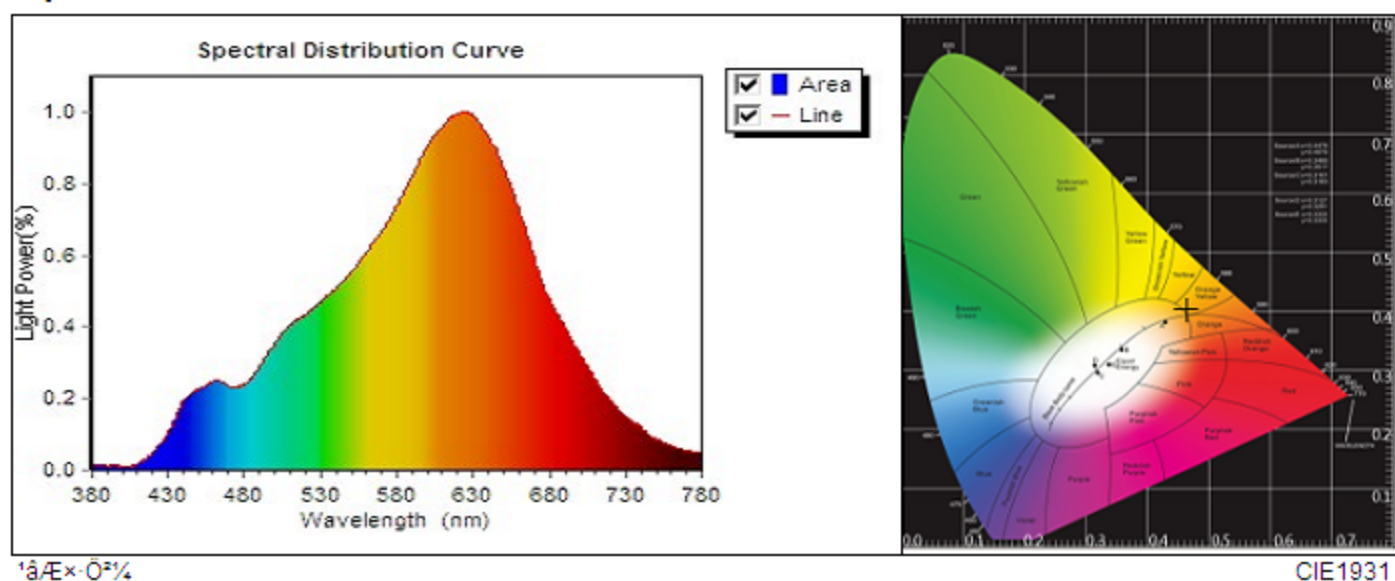
Test date. : 2023-05-12  
Test equipment : SPEC2000A Spectrometer  
Operator. : BA230214

### Test Condition

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

Humidity : 65%  
Peak AD. : 44845 (68.4%)  
Integral time. : 513ms

### Spectral Parameter



### CIE Color Parameter

Chromaticity coordinates:  $x=0.4559$   $y=0.4100$   $u=0.2602$   $v=0.3510$  ( $duv=0.0001$ )  
Color temperature:  $TC=2752$  K Color difference:  $SDCM=4.8$  Main Wavelength:  $\lambda_d=593.06$  nm Purity:  $Purity=0.058$   
Peak wavelength:  $\lambda_p=624.3$  nm FWHM:  $\Delta\lambda_p=140.2$  nm Color ratio:  $R=27.88\%$   $G=69.62\%$   $B=2.49\%$

Color rendering index (Ra):  $Ra=93.8$

$R1=94.3$   $R2=98.4$   $R3=97.7$   $R4=94.6$   $R5=95.1$   $R6=98.0$   $R7=91.0$   $R8=81.1$   
 $R9=59.8$   $R10=96.3$   $R11=96.9$   $R12=94.7$   $R13=96.0$   $R14=99.5$   $R15=89.2$

### Optical Parameter

Luminous flux: 547.61 lm Luminous efficiency: 88.32 lm/w Radiant flux: 1.9422 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.0319 A Wattle: 6.20 W Power factor: 0.577

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