



## Spectral test report for lamp

Product type :  
Product No. : B8400-60-CCT 4000K  
Manufacturer : bled

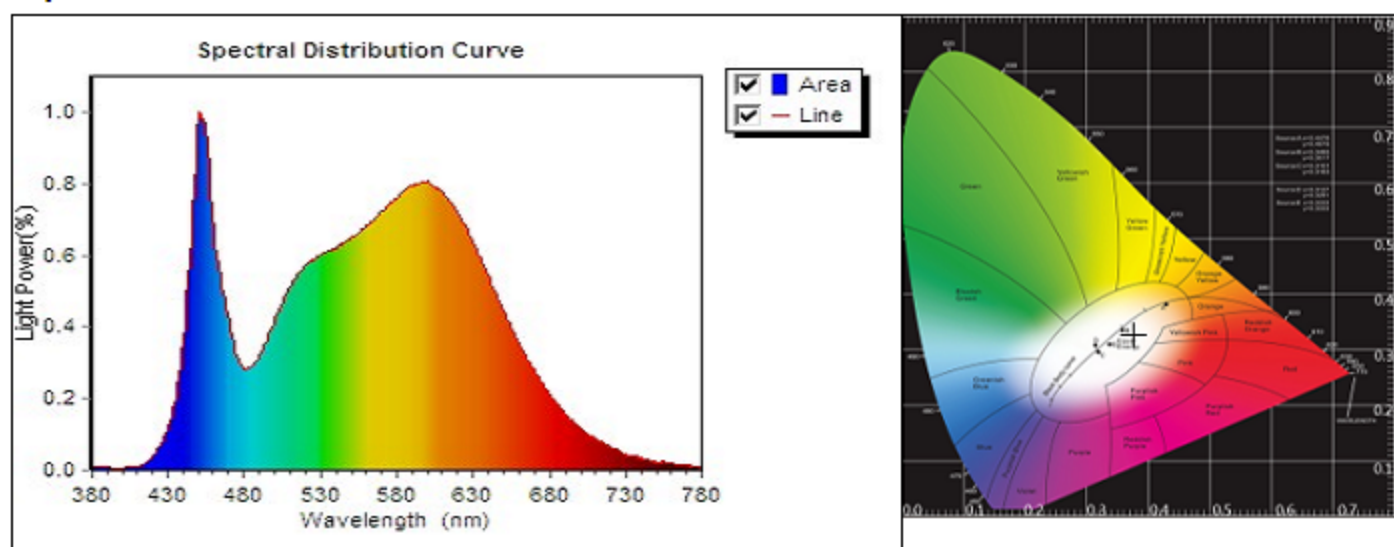
Test date. : 2024-03-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : ionut

### Test Condition

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

Humidity : 65%  
Peak AD. : 41602 (63.5%)  
Integral time. : 88ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3718$   $y=0.3679$   $u=0.2230$   $v=0.3309$  ( $duv=-0.0016$ )

Color temperature:  $TC=4182$  K Color difference:  $SDCM=4.7$  Main Wavelength:  $\lambda_d=483.09$  nm Purity:  $Purity=0.195$

Peak wavelength:  $\lambda_p=452.0$  nm FWHM:  $\lambda_p=22.3$  nm Color ratio:  $R=19.99\%$   $G=76.28\%$   $B=3.74\%$

Color rendering index (Ra):  $Ra=87.1$

$R1=86.6$   $R2=92.8$   $R3=95.9$   $R4=86.2$   $R5=86.3$   $R6=88.8$   $R7=88.0$   $R8=71.4$

$R9=27.0$   $R10=81.9$   $R11=86.2$   $R12=65.5$   $R13=89.0$   $R14=98.1$   $R15=81.7$

### Optical Parameter

Luminous flux: 2828.891 lm luminous efficiency: 147.34 lm/w Radiant flux: 8.905 W

### Electrical Parameter

Voltage: 240.4 V Current: 0.132 A Wate: 19.20 W Power factor: 0.603

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