



## Spectral test report for lamp

Product type :  
Product No. : B8150-100-5K LOW  
Manufacturer : bled

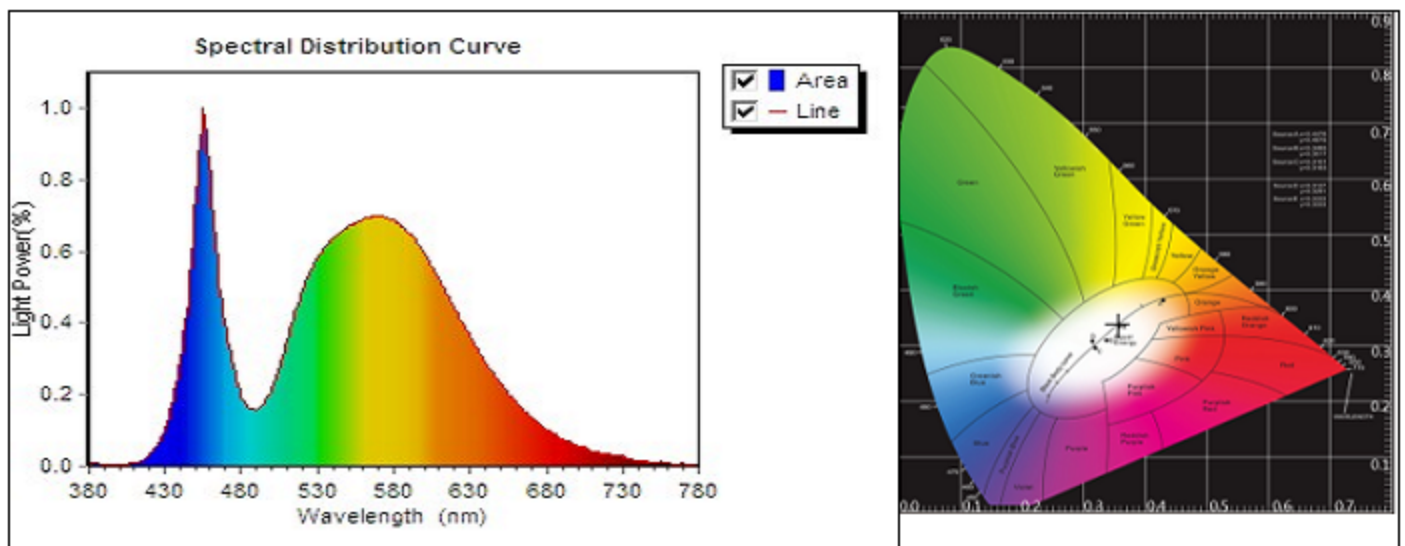
Test date. : 2024-03-11  
Test equipment : SPEC2000A Spectrometer  
Operator. : ionut

### Test Condition

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

Humidity : 65%  
Peak AD. : 32947 (50.3%)  
Integral time. : 18ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3514$   $y=0.3767$   $u=0.2062$   $v=0.3315$  ( $duv=0.0097$ )

Color temperature:  $TC=4868$  K Color difference:  $SDCM=6.4$  Main Wavelength:  $\lambda_d=486.05$  nm Purity:  $Purity=0.236$

Peak wavelength:  $\lambda_p=455.3$  nm FWHM:  $\lambda_p=19.3$  nm Color ratio:  $R=14.93\%$   $G=81.85\%$   $B=3.22\%$

Color rendering index (Ra):  $Ra=70.4$

$R1=65.1$   $R2=78.1$   $R3=87.1$   $R4=66.0$   $R5=64.8$   $R6=68.1$   $R7=83.3$   $R8=50.5$

$R9=-45.9$   $R10=47.0$   $R11=59.6$   $R12=31.6$   $R13=69.2$   $R14=92.7$   $R15=58.3$

### Optical Parameter

Luminous flux: 9447.052 lm luminous efficiency: 162.32 lm/w Radiant flux: 26.7594 W

### Electrical Parameter

Voltage: 240.4 V Current: 0.260 A Wate: 58.20 W Power factor: 0.929

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