



## Spectral test report for lamp

Product type : TIRALED  
Product No. : B1652-50-BF\_80mm  
Manufacturer : BLED

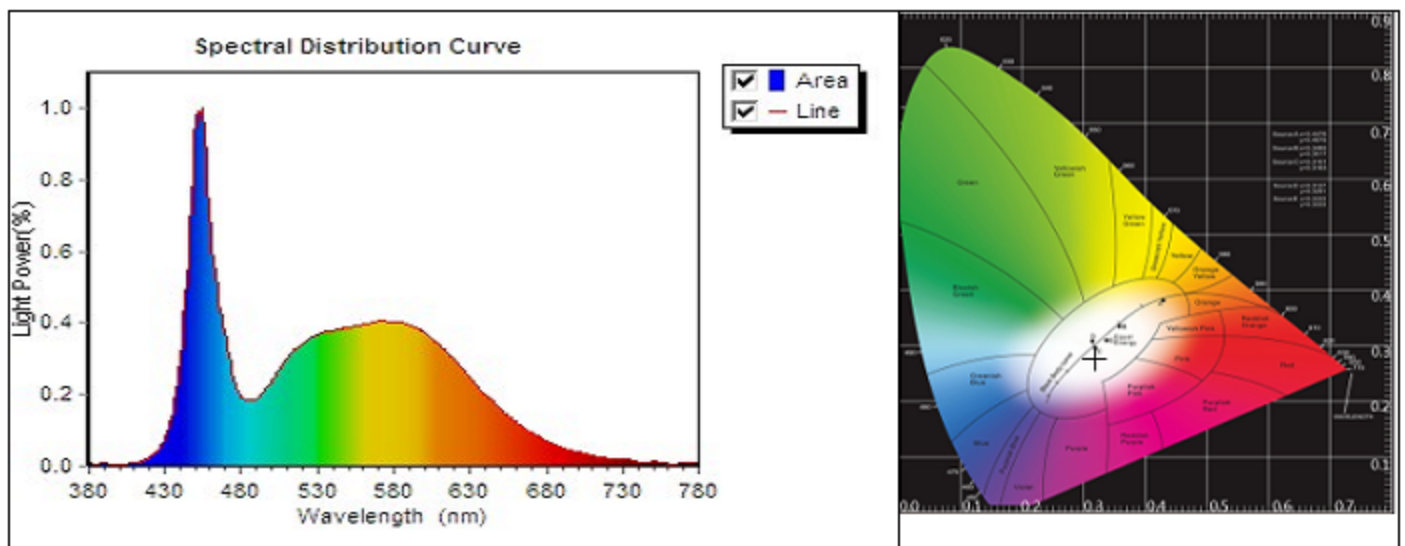
Test date. : 2022-10-17  
Test equipment : SPEC2000A Spectrometer  
Opertor. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 39112 (59.7%)  
Integral time. : 43ms

### Spectral Parameter



1â€x-0%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3149$   $y=0.3196$   $u=0.2030$   $v=0.3090$  ( $duv=-0.0028$ )

Color temperature:  $TC=6456$  K Color difference:  $SDCM=4.8$  Main Wavelength:  $\lambda_d=481.04$  nm Purity:  $Purity=0.357$

Peak wavelength:  $\lambda_p=452.8$  nm FWHM:  $\lambda_p=19.0$  nm Color ratio:  $R=15.39\%$   $G=79.39\%$   $B=5.22\%$

Color rendering index (Ra):  $Ra=84.3$

$R1=84.4$   $R2=89.9$   $R3=90.2$   $R4=83.9$   $R5=83.7$   $R6=82.0$   $R7=87.6$   $R8=72.0$

$R9=16.9$   $R10=73.1$   $R11=82.9$   $R12=54.8$   $R13=86.6$   $R14=94.8$   $R15=82.1$

### Optical Parameter

Luminous flux: 67.626 lm Luminous efficiency: 90.9 lm/w Radiant flux: 0.2223 W

### Electrical Parameter

Voltage: 24.0 V Current: 0.031 A Watte: 0.744 W Power factor: 1.000

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