



## Spectral test report for lamp

Product type : LED Tube  
Product No. : B4011-R-150BF  
Manufacturer : BLED

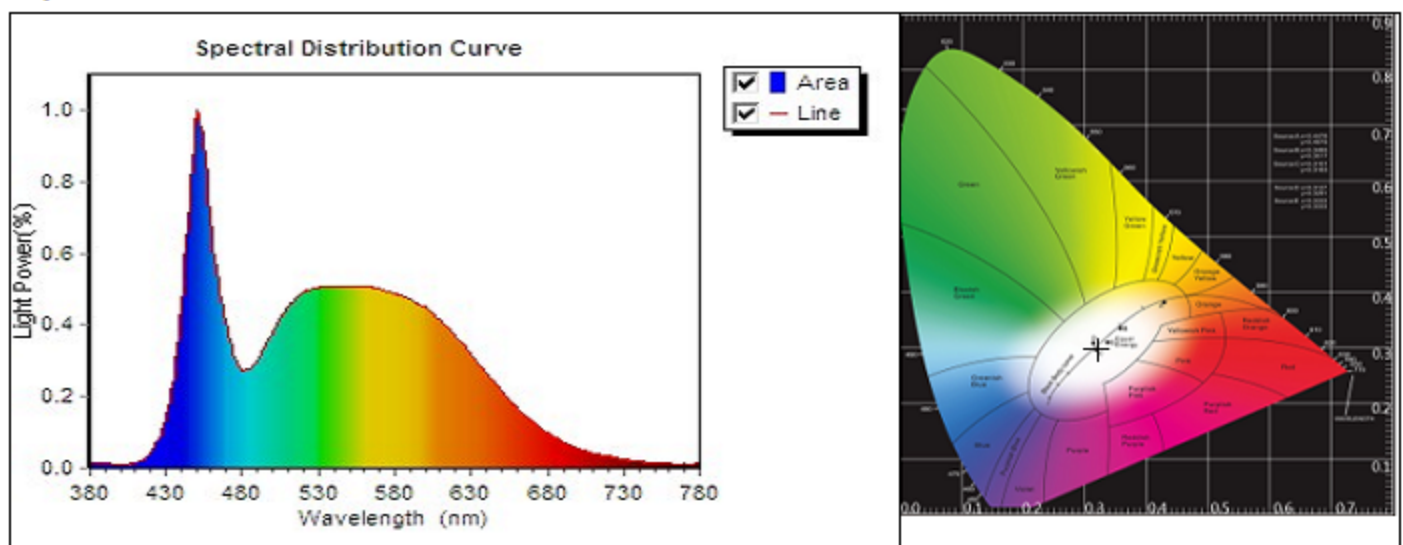
Test date. : 2024-07-22  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 59095 (90.2%)  
Integral time. : 111ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3160$   $y=0.3393$   $u=0.1963$   $v=0.3161$  ( $duv=0.0068$ )

Color temperature:  $TC=6272$  K Color difference:  $SDCM=2.1$  Main Wavelength:  $\lambda_d=483.01$  nm Purity:  $Purity=0.338$

Peak wavelength:  $\lambda_p=451.3$  nm FWHM:  $\lambda_p=24.0$  nm Color ratio:  $R=14.77\%$   $G=80.12\%$   $B=5.11\%$

Color rendering index (Ra):  $Ra=84.2$

$R1=82.0$   $R2=88.3$   $R3=92.3$   $R4=83.7$   $R5=82.7$   $R6=83.6$   $R7=89.3$   $R8=71.3$

$R9=12.0$   $R10=72.1$   $R11=83.0$   $R12=60.3$   $R13=84.6$   $R14=96.1$   $R15=77.1$

### Optical Parameter

Luminous flux: 2386.405 lm luminous efficiency: 111.0 lm/w Radiant flux: 7.7055 W

### Electrical Parameter

Voltage: 230.4 V Current: 0.095 A Wate: 21.50 W Power factor: 0.972

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