



## Spectral test report for lamp

Product type : TUBO  
Product No. : BTL-T8120-BF  
Manufacturer : BLED

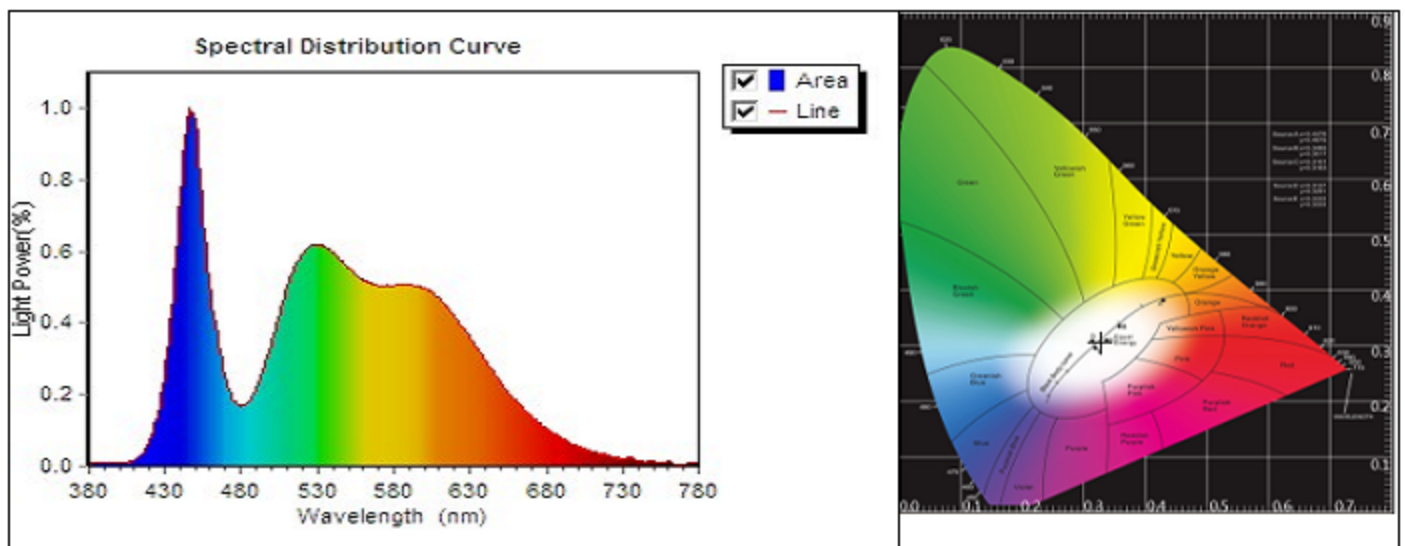
Test date. : 2025-05-28  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 51185 (78.1%)  
Integral time. : 147ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3226$   $y=0.3475$   $u=0.1978$   $v=0.3196$  ( $duv=0.0077$ )

Color temperature:  $TC=5930$  K Color difference:  $SDCM=5.0$  Main Wavelength:  $\lambda_d=484.05$  nm Purity:  $Purity=0.318$

Peak wavelength:  $\lambda_p=447.0$  nm FWHM:  $\lambda_p=23.3$  nm Color ratio:  $R=15.29\%$   $G=81.00\%$   $B=3.71\%$

Color rendering index (Ra):  $Ra=81.2$

$R1=81.8$   $R2=82.6$   $R3=83.7$   $R4=82.9$   $R5=82.1$   $R6=78.2$   $R7=85.8$   $R8=72.3$

$R9=11.0$   $R10=59.3$   $R11=83.5$   $R12=58.8$   $R13=82.4$   $R14=90.9$   $R15=76.1$

### Optical Parameter

Luminous flux: 2432.944 lm luminous efficiency: 126.72 lm/w Radiant flux: 5.4075 W

### Electrical Parameter

Voltage: 230.2 V Current: 0.140 A Wate: 19.20 W Power factor: 0.593

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