



## Spectral test report for lamp

Product type : TIRALED 230V  
Product No. : B1535-BN  
Manufacturer : BLED

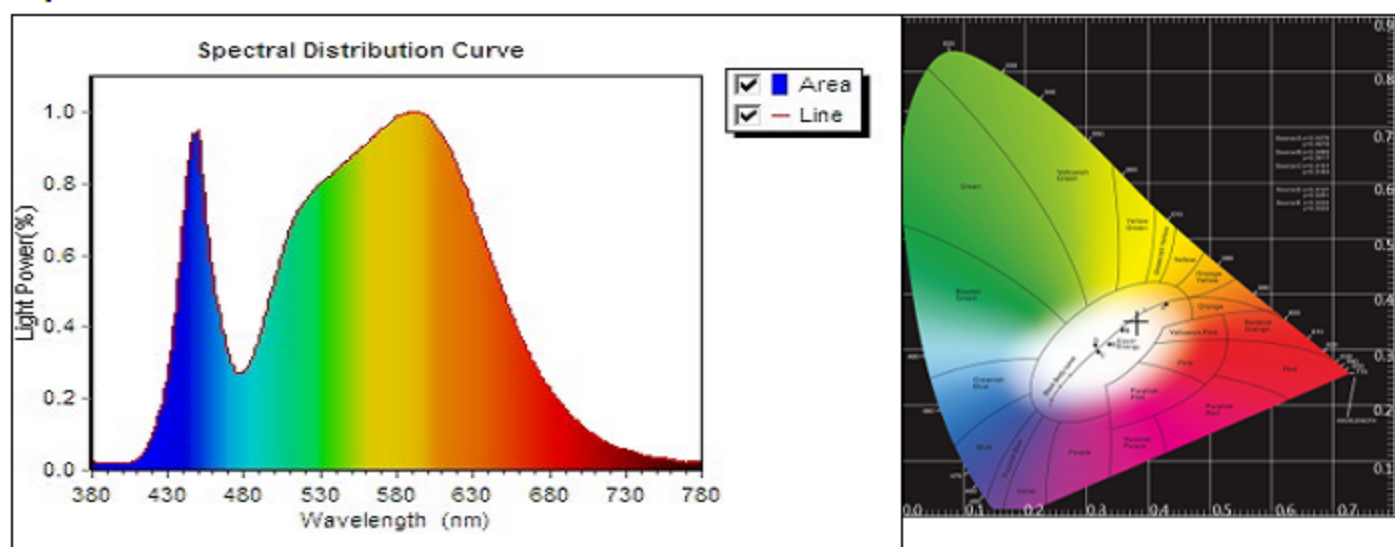
Test date. : 2020-07-24  
Test equipment : SPEC2000A Spectrometer  
Opertor. : BLED

### Test Condition

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

Humidity : 65%  
Peak AD. : 45638 (69.6%)  
Integral time. : 37ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3762$   $y=0.3874$   $u=0.2182$   $v=0.3370$  ( $duv=0.0062$ )

Color temperature:  $TC=4190$  K Color difference:  $SDCM=5.7$  Main Wavelength:  $\lambda_d=487.04$  nm Purity:  $Purity=0.175$

Peak wavelength:  $\lambda_p=591.3$  nm FWHM:  $\lambda_p=152.3$  nm Color ratio:  $R=18.53\%$   $G=78.47\%$   $B=3.00\%$

Color rendering index (Ra):  $Ra=81$

$R1=78.2$   $R2=85.2$   $R3=92.5$   $R4=81.6$   $R5=78.6$   $R6=80.6$   $R7=87.1$   $R8=63.7$

$R9=-0.6$   $R10=66.1$   $R11=80.7$   $R12=60.5$   $R13=80.3$   $R14=95.8$   $R15=71.0$

### Optical Parameter

Luminous flux: 157.971 lm luminous efficiency: 98.73 lm/w Radiant flux: 0.4726 W

### Electrical Parameter

Voltage: 230.7 V Current: 0.007 A Watte: 1.60 W Power factor: 0.931

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>