



BARCELONALED ILUMINACION S.L.  
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## Spectral test report for lamp

Product type : TIRALED  
Product No. : B1540-BF  
Manufacturer : BLED

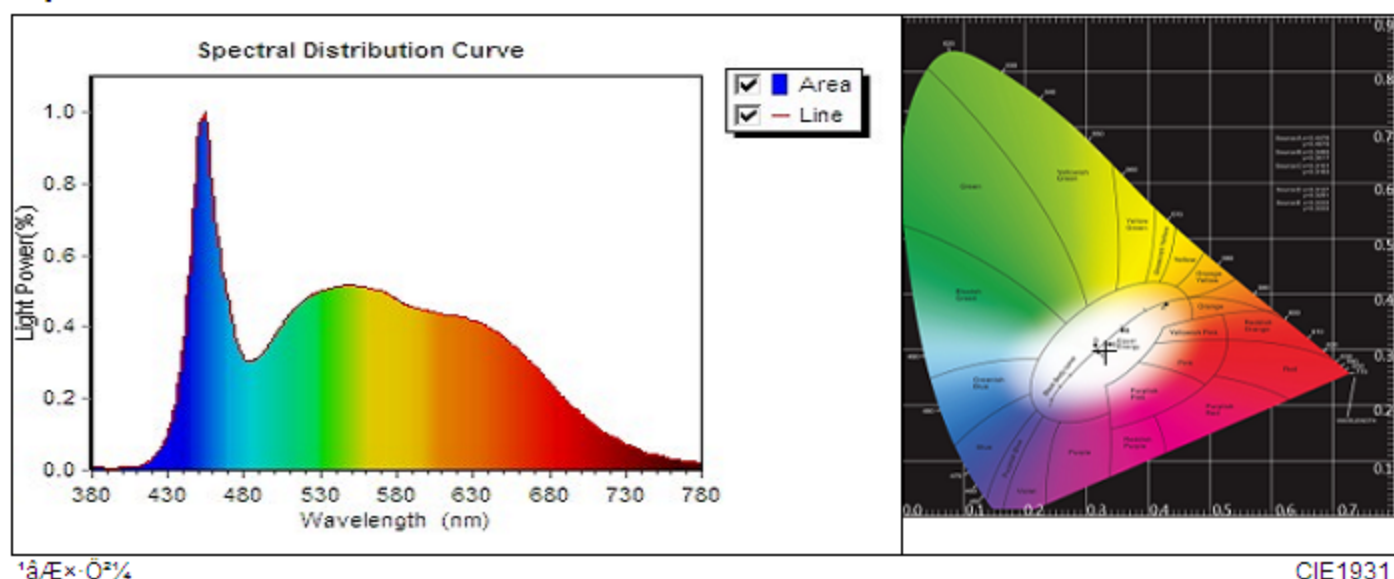
Test date. : 2022-11-08  
Test equipment: SPEC2000A Spectrometer  
Operator. : BLED

## Test Condition

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

Humidity : 65%  
Peak AD. : 47200 (72.0%)  
Integral time. : 26ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3259$   $y=0.3380$   $u=0.2035$   $v=0.3167$  ( $duv=0.0014$ )  
Color temperature:  $TC=5802$  K Color difference:  $SDCM=1.9$  Main Wavelength:  $\lambda_d=483.09$  nm Purity:  $Purity=0.319$   
Peak wavelength:  $\lambda_p=453.1$  nm FWHM:  $\Delta\lambda_p=25.1$  nm Color ratio:  $R=16.87\%$   $G=77.80\%$   $B=5.33\%$

Color rendering index (Ra):  $Ra=92.7$

$R1=93.2$   $R2=94.8$   $R3=93.0$   $R4=92.3$   $R5=91.8$   $R6=89.5$   $R7=95.7$   $R8=91.0$   
 $R9=75.1$   $R10=85.6$   $R11=91.3$   $R12=66.9$   $R13=94.2$   $R14=96.1$   $R15=93.6$

## Optical Parameter

Luminous flux: 187.726 lm Luminous efficiency: 93.86 lm/w Radiant flux: 0.6727 W

## Electrical Parameter

Voltage: 230.8 V Current: 0.009 A Watts: 2.00 W Power factor: 0.889

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