



## Spectral test report for lamp

Product type : TIRALED  
Product No. : BLS5050-48V14W-IP20-10M-RGB (Green) (16  
Manufacturer : BLED

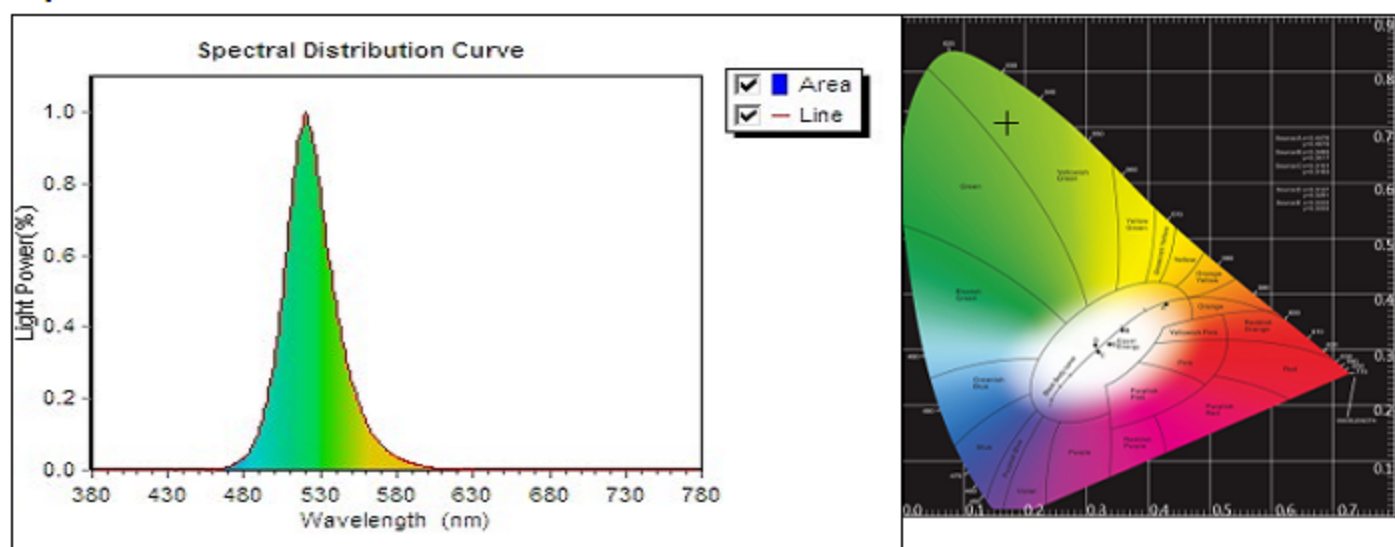
Test date. : 2024-07-19  
Test equipment : SPEC2000A Spectrometer  
Opertor. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 43535 (66.4%)  
Integral time. : 70ms

### Spectral Parameter



1â€¦x-0²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.1690$   $y=0.7203$   $u=0.0598$   $v=0.3823$  ( $duv=0.1572$ )

Color temperature:  $TC=7860$  K Color difference:  $SDCM=280.4$  Main Wavelength:  $\lambda_d=505.06$  nm Purity:  $Purity=0.825$

Peak wavelength:  $\lambda_p=520.3$  nm FWHM:  $\lambda_p=34.0$  nm Color ratio:  $R=0.34\%$   $G=97.99\%$   $B=1.67\%$

Color rendering index (Ra):  $Ra=-22.6$

$R1=-34.3$   $R2=-6.8$   $R3=-19.0$   $R4=-62.7$   $R5=-8.7$   $R6=-13.6$   $R7=-5.0$   $R8=-31.6$

$R9=-357.5$   $R10=-102.0$   $R11=-91.4$   $R12=-28.3$   $R13=-36.9$   $R14=40.9$   $R15=-32.7$

### Optical Parameter

Luminous flux: 32.317 lm Luminous efficiency: 67.33 lm/w Radiant flux: 0.0667 W

### Electrical Parameter

Voltage: 48V Current: 0.010A Watte: 0.48W Power factor:

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