



## Spectral test report for lamp

Product type : TIRALED  
Product No. : BLS5050-48V12W-IP20-10M-RGBWW (Greer)  
Manufacturer : BLED

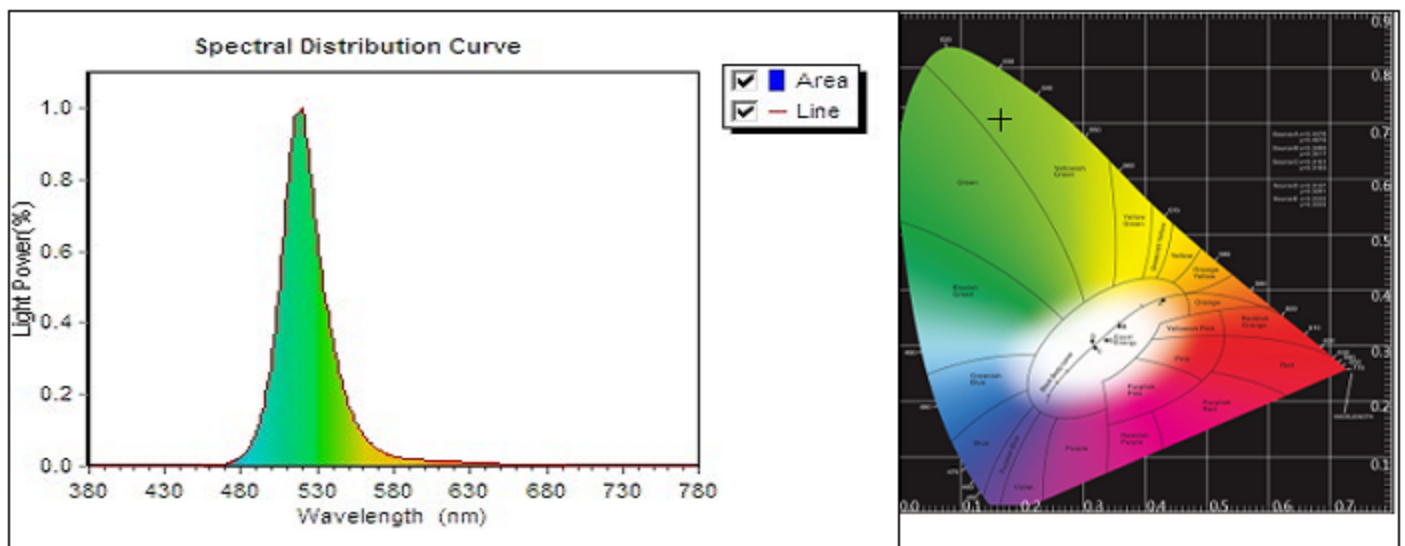
Test date. : 2024-07-19  
Test equipment : SPEC2000A Spectrometer  
Opertor. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 57000 (87.0%)  
Integral time. : 50ms

### Spectral Parameter



1â€¦x-0%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.1622$   $y=0.7195$   $u=0.0574$   $v=0.3817$  ( $duv=0.1590$ )

Color temperature:  $TC=7982$  K Color difference:  $SDCM=283.8$  Main Wavelength:  $\lambda_d=504$ nm Purity:  $Purity=0.849$

Peak wavelength:  $\lambda_p=518.2$  nm FWHM:  $\lambda_p=29.1$  nm Color ratio:  $R=1.12\%$   $G=97.27\%$   $B=1.61\%$

Color rendering index (Ra):  $Ra=-22.7$

$R1=-27.7$   $R2=-8.9$   $R3=-27.9$   $R4=-60.4$   $R5=-4.3$   $R6=-16.9$   $R7=-9.1$   $R8=-27.1$

$R9=-318.5$   $R10=-109.2$   $R11=-88.3$   $R12=-33.1$   $R13=-34.1$   $R14=36.5$   $R15=-26.0$

### Optical Parameter

Luminous flux: 52.065 lm Luminous efficiency: lm/w Radiant flux: 0.1125 W

### Electrical Parameter

Voltage: 48 V Current: 0,011 A Watte: 0,528 W Power factor:

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