



## Spectral test report for lamp

Product type : TIRALED  
Product No. : BLS5050-48V14W-IP20-10M-RGB (Red) (166)  
Manufacturer : BLED

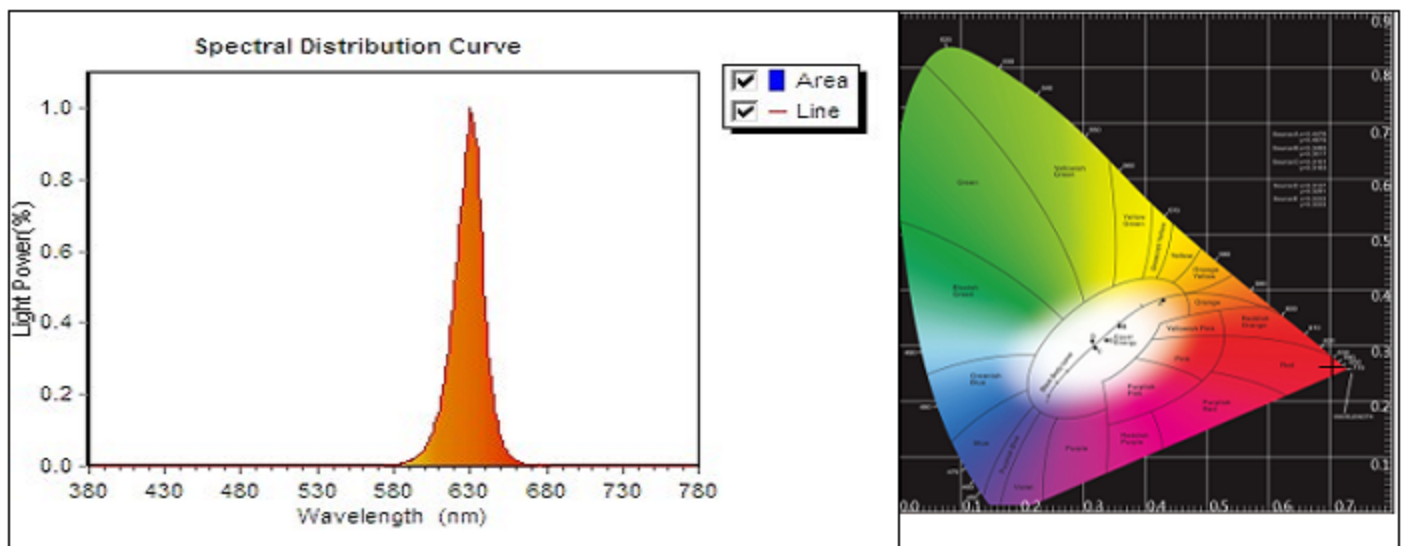
Test date. : 2024-07-19  
Test equipment : SPEC2000A Spectrometer  
Opertor. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 49583 (75.7%)  
Integral time. : 83ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.6940$   $y=0.3056$   $u=0.5259$   $v=0.3473$  ( $duv=-0.0781$ )

Color temperature:  $TC=1000$  K Color difference:  $SDCM=192.0$  Main Wavelength:  $\lambda_d=493.94$  nm Purity:  $Purity=0.629$

Peak wavelength:  $\lambda_p=630.9$  nm FWHM:  $\lambda_p=18.8$  nm Color ratio:  $R=96.35\%$   $G=3.64\%$   $B=0.01\%$

Color rendering index (Ra):  $Ra=18.6$

$R1=11.0$   $R2=79.5$   $R3=34.4$   $R4=-19.3$   $R5=7.0$   $R6=91.3$   $R7=8.7$   $R8=-64.1$

$R9=-213.2$   $R10=73.5$   $R11=-5.5$   $R12=78.7$   $R13=42.1$   $R14=62.2$   $R15=-29.2$

### Optical Parameter

Luminous flux: 9.377 lm luminous efficiency: lm/w Radiant flux: 0.0467 W

### Electrical Parameter

Voltage: 48 V Current: 0,016 A Watte: 0,768 W Power factor:

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