



## Spectral test report for lamp

Product type : TIRALED  
Product No. : BLS5050-48V15W-IP20-10M-RGBCCT (RGB)  
Manufacturer : BLED

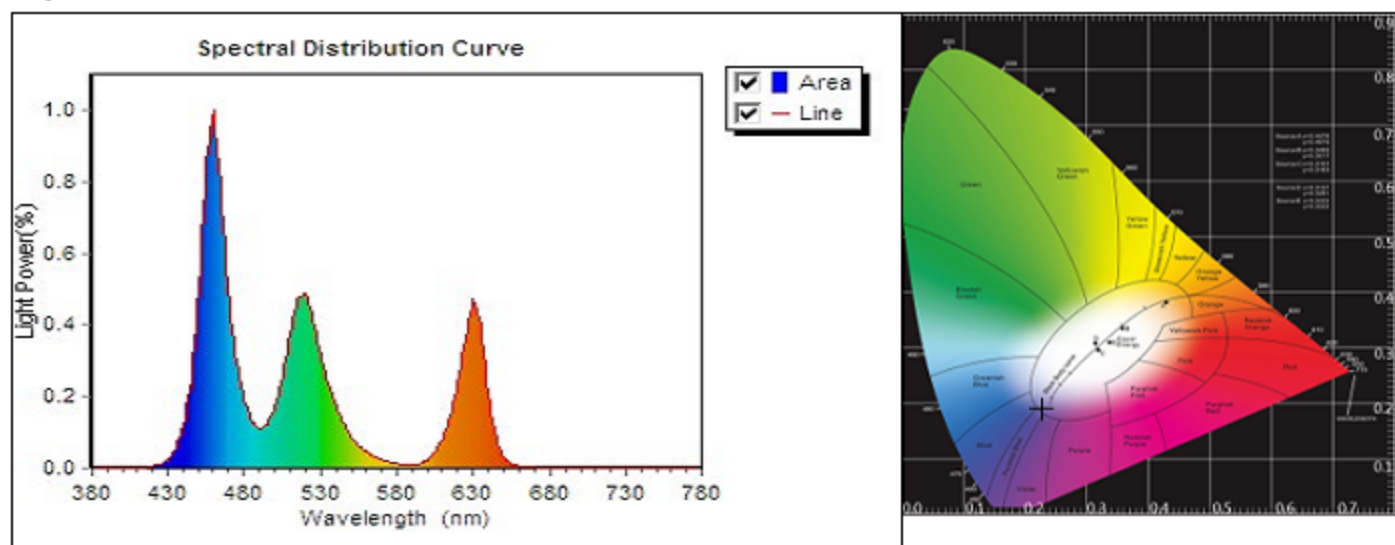
Test date. : 2024-04-30  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 52698 (80.4%)  
Integral time. : 24ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.2243$   $y=0.2407$   $u=0.1649$   $v=0.2655$  ( $duv=-0.0187$ )

Color temperature:  $TC=100000$  K Color difference:  $SDCM=60.0$  Main Wavelength:  $\lambda_d=480.03$  nm Purity:  $Purity=0.619$

Peak wavelength:  $\lambda_p=459.3$  nm FWHM:  $\lambda_p=19.0$  nm Color ratio:  $R=18.20\%$   $G=71.02\%$   $B=10.79\%$

Color rendering index (Ra):  $Ra=64.8$

$R1=55.7$   $R2=75.4$   $R3=76.8$   $R4=70.7$   $R5=73.8$   $R6=73.8$   $R7=66.8$   $R8=25.2$

$R9=-153.0$   $R10=39.6$   $R11=48.4$   $R12=60.9$   $R13=53.4$   $R14=82.6$   $R15=36.2$

### Optical Parameter

Luminous flux: 71.454 lm Luminous efficiency: 41.35 lm/w Radiant flux: 0.3203 W

### Electrical Parameter

Voltage: 48.0 V Current: 0.036 A Wate: 1.728 W Power factor: 1.000

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