



## Spectral test report for lamp

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

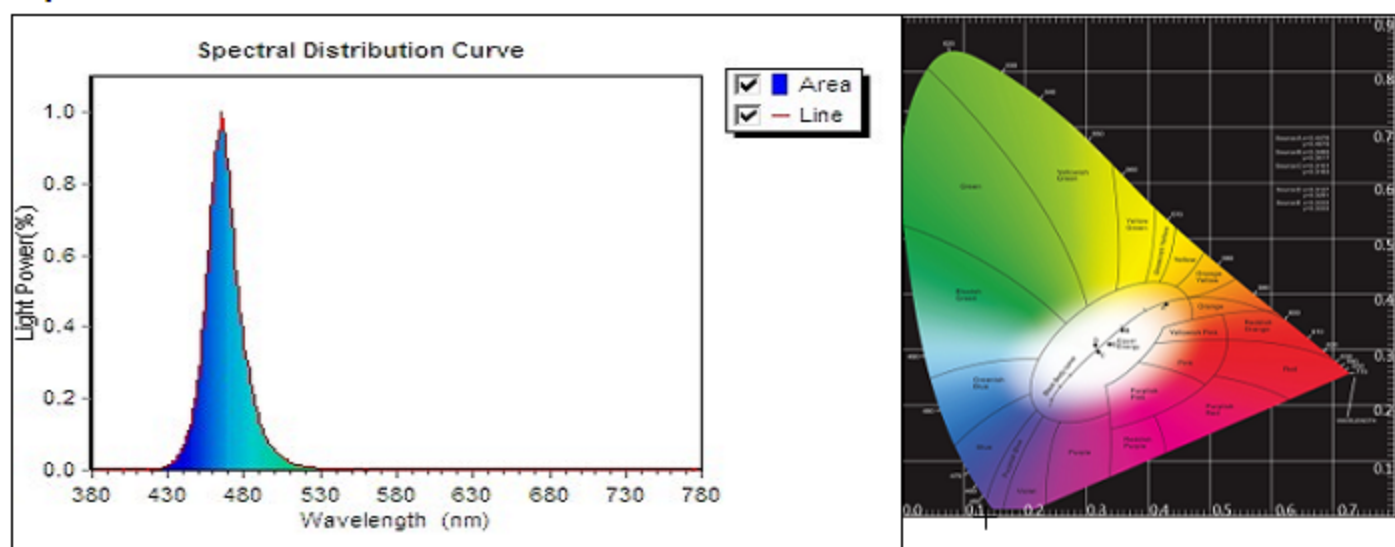
Test date. : 2024-07-19  
Test equipment : SPEC2000A Spectrometer  
Opertor. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 53224 (81.2%)  
Integral time. : 31ms

## Spectral Parameter



1â€¦x-Ö²¼

CIE1931

## CIE Color Parameter

Chromaticity coordinates:  $x=0.1337$   $y=0.0628$   $u=0.1534$   $v=0.1081$  ( $duv=-0.1666$ )  
Color temperature:  $TC=100000$  K Color difference:  $SDCM=118.2$  Main Wavelength:  $\lambda_d=474.01$  nm Purity:  $Purity=0.995$   
Peak wavelength:  $\lambda_p=464.8$  nm FWHM:  $\lambda_p=21.3$  nm Color ratio:  $R=0.41\%$   $G=18.50\%$   $B=81.09\%$

Color rendering index (Ra):  $Ra=-49.6$

$R1=-13.0$   $R2=-42.8$   $R3=-133.8$   $R4=-82.6$   $R5=6.1$   $R6=-50.9$   $R7=-44.9$   $R8=-34.9$   
 $R9=-278.2$   $R10=-222.2$   $R11=-110.6$   $R12=-92.4$   $R13=-33.3$   $R14=-28.8$   $R15=-0.6$

## Optical Parameter

Luminous flux: 8.43 lm Luminous efficiency: lm/w Radiant flux: 0.1198 W

## Electrical Parameter

Voltage: 48 V Current: 0,008 A Watte: 0,384 W Power factor:

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