



## Spectral test report for lamp

Product type : LED STRIP COB RGBWW  
Product No. : BLSCOB-24V19W-IP67-RGBWW\_WW  
Manufacturer : BLED -Test 100mm

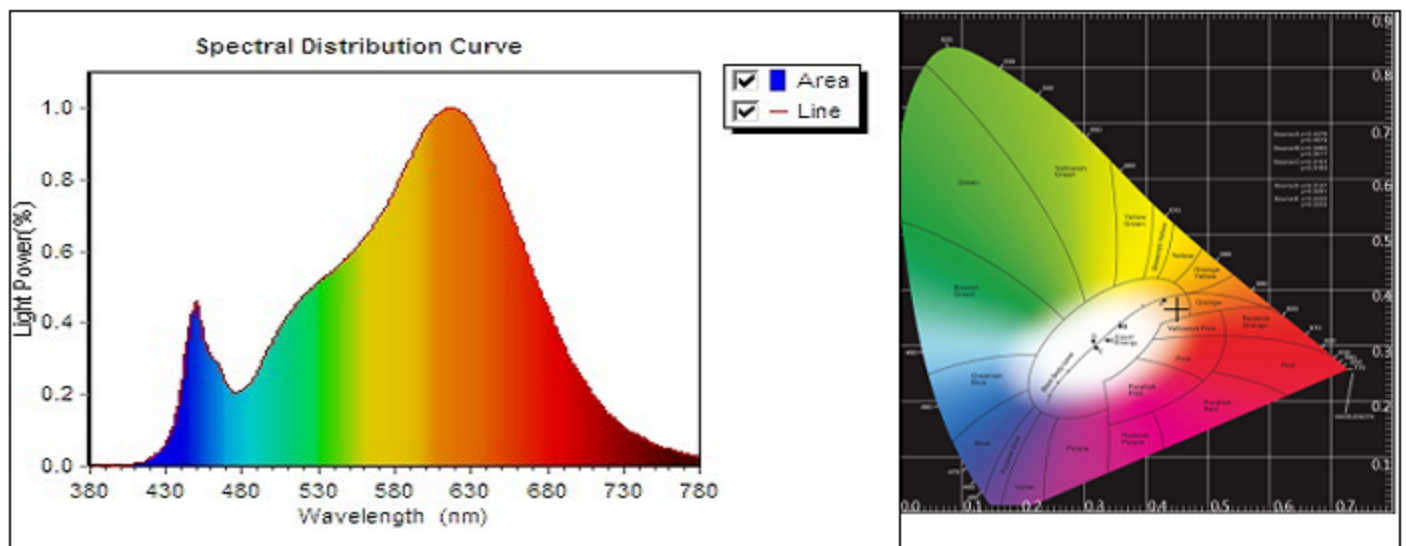
Test date. : 2023-09-27  
Test equipment : SPEC2000A Spectrometer  
Operator. : VL-20230607002

### Test Condition

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

Humidity : 65%  
Peak AD. : 46316 (70.7%)  
Integral time. : 106ms

### Spectral Parameter



1â€¦x-Ö²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4438$   $y=0.4033$   $u=0.2553$   $v=0.3481$  ( $duv=-0.0012$ )

Color temperature:  $TC=2882$  K Color difference:  $SDCM=2.3$  Main Wavelength:  $\lambda_d=475.02$  nm Purity:  $Purity=0.012$

Peak wavelength:  $\lambda_p=617.7$  nm FWHM:  $\lambda_p=148.6$  nm Color ratio:  $R=26.82\%$   $G=70.75\%$   $B=2.43\%$

Color rendering index (Ra):  $Ra=92$

$R1=92.3$   $R2=96.6$   $R3=98.4$   $R4=92.5$   $R5=92.7$   $R6=96.3$   $R7=89.7$   $R8=77.4$

$R9=50.4$   $R10=91.8$   $R11=94.2$   $R12=85.5$   $R13=94.1$   $R14=99.3$   $R15=87.0$

### Optical Parameter

Luminous flux: 57.08 lm luminous efficiency: 91.47 lm/w Radiant flux: 0.193 W

### Electrical Parameter

Voltage: 23.99 V Current: 0.026 A Wate: 0.624 W Power factor: 1.000

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