



## Spectral test report for lamp

Product type : LED STRIP COB RGBCCT  
Product No. : BLSCOB-24V19W-IP20-RGBCCT\_WW  
Manufacturer : BLED -Test 83mm

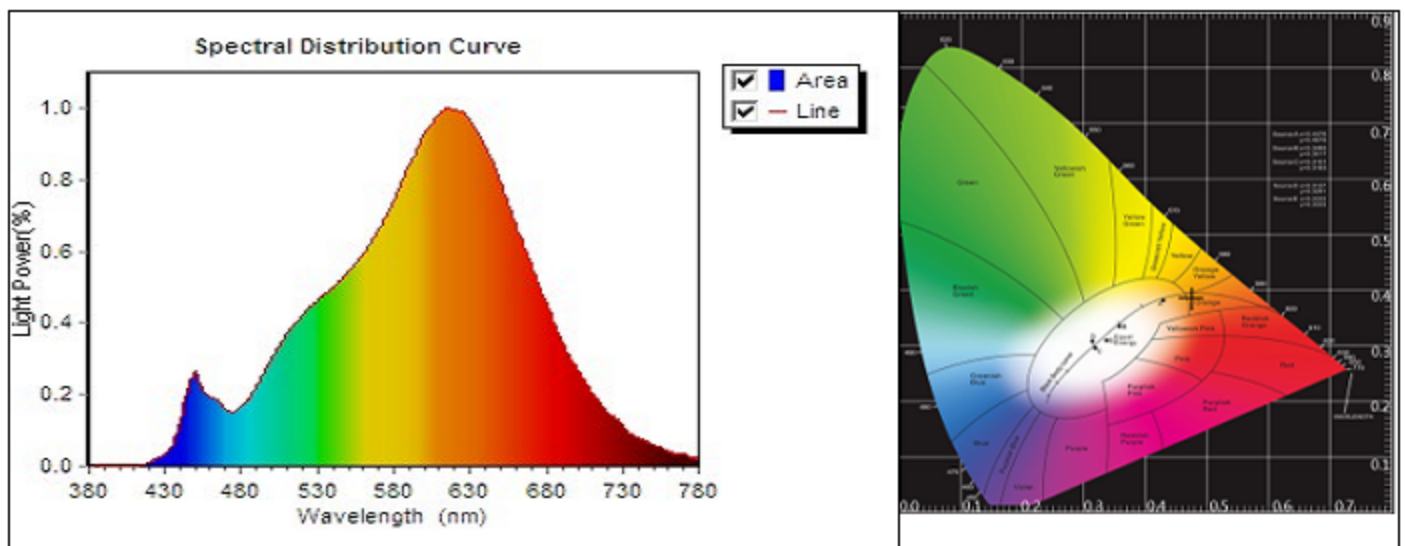
Test date. : 2023-09-27  
Test equipment : SPEC2000A Spectrometer  
Operator. : VL-20230607002

## Test Condition

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

Humidity : 65%  
Peak AD. : 45528 (69.5%)  
Integral time. : 31ms

## Spectral Parameter



1â€¦x-Ö²¼

CIE1931

## CIE Color Parameter

Chromaticity coordinates:  $x=0.4697$   $y=0.4212$   $u=0.2641$   $v=0.3552$  ( $duv=0.0031$ )

Color temperature:  $TC=2647$  K Color difference:  $SDCM=4.2$  Main Wavelength:  $\lambda_d=584.06$  nm Purity:  $Purity=0.241$

Peak wavelength:  $\lambda_p=615.9$  nm FWHM:  $\lambda_p=135.7$  nm Color ratio:  $R=28.31\%$   $G=69.75\%$   $B=1.94\%$

Color rendering index (Ra):  $Ra=91$

$R1=90.3$   $R2=95.1$   $R3=99.6$   $R4=91.5$   $R5=90.4$   $R6=96.0$   $R7=89.8$   $R8=74.8$

$R9=44.0$   $R10=88.7$   $R11=93.5$   $R12=83.9$   $R13=92.1$   $R14=99.2$   $R15=83.6$

## Optical Parameter

Luminous flux: 31.7 lm luminous efficiency: 94.35 lm/w Radiant flux: 0.1064 W

## Electrical Parameter

Voltage: 23.99 V Current: 0.0097 A Watto: 0.336 W Power factor: 1.000

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