



## Spectral test report for lamp

Product type : TIRALED  
Product No. : NWS0512-24V-10M-RGB-R (10cm)  
Manufacturer : BLED

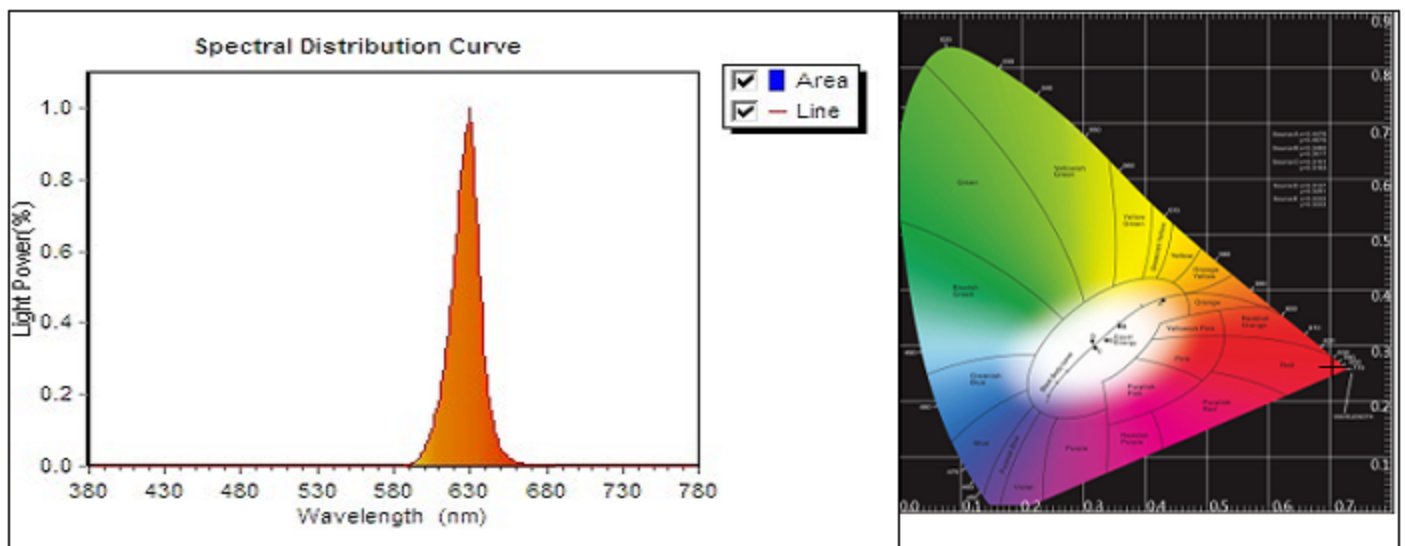
Test date. : 2024-04-30  
Test equipment : SPEC2000A Spectrometer  
Opertor. : JONY

### Test Condition

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

Humidity : 65%  
Peak AD. : 54151 (82.6%)  
Integral time. : 94ms

### Spectral Parameter



1â€¦x-0²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.6947$   $y=0.3052$   $u=0.5270$   $v=0.3473$  ( $duv=-0.0792$ )

Color temperature:  $TC=1000$  K Color difference:  $SDCM=192.5$  Main Wavelength:  $\lambda_d=493.9$  nm Purity:  $Purity=0.63$

Peak wavelength:  $\lambda_p=628.9$  nm FWHM:  $\lambda_p=18.2$  nm Color ratio:  $R=98.86\%$   $G=1.13\%$   $B=0.00\%$

Color rendering index (Ra):  $Ra=6.8$

$R1=-0.1$   $R2=77.0$   $R3=23.5$   $R4=-37.4$   $R5=-7.4$   $R6=89.0$   $R7=-3.8$   $R8=-87.0$

$R9=-253.4$   $R10=70.1$   $R11=-23.2$   $R12=78.8$   $R13=35.4$   $R14=55.2$   $R15=-47.0$

### Optical Parameter

Luminous flux: 8.859 lm luminous efficiency: 20.51 lm/w Radiant flux: 0.0421 W

### Electrical Parameter

Voltage: 24.0 V Current: 0.018 A Watte: 0.432 W Power factor: 1.000

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