



## Spectral test report for lamp

Product type : TIRALED  
Product No. : NWS0412-48V-20M-BN (7CM)  
Manufacturer : BLED

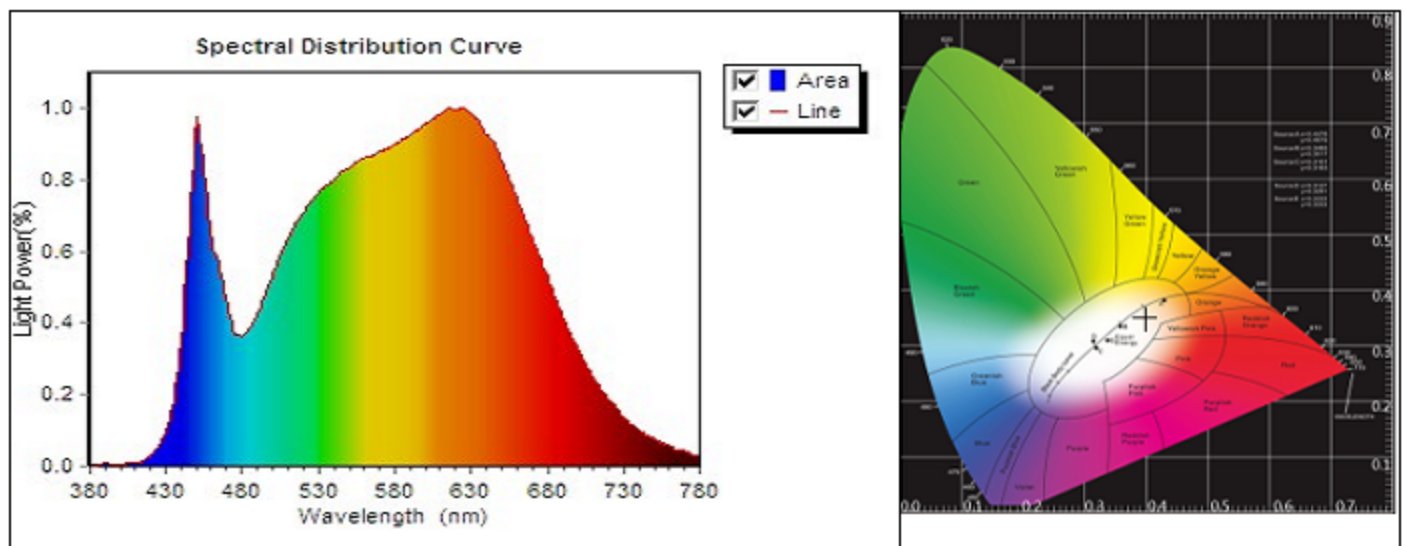
Test date. : 2024-04-29  
Test equipment : SPEC2000A Spectrometer  
Opertor. : JONY

### Test Condition

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

Humidity : 65%  
Peak AD. : 54727 (83.5%)  
Integral time. : 129ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3933$   $y=0.3876$   $u=0.2292$   $v=0.3388$  ( $duv=0.0015$ )

Color temperature:  $TC=3752$  K Color difference:  $SDCM=6.5$  Main Wavelength:  $\lambda_d=486.01$  nm Purity:  $Purity=0.135$

Peak wavelength:  $\lambda_p=616.2$  nm FWHM:  $\lambda_p=186.1$  nm Color ratio:  $R=21.90\%$   $G=74.69\%$   $B=3.41\%$

Color rendering index (Ra):  $Ra=93.2$

$R1=93.3$   $R2=95.1$   $R3=95.3$   $R4=93.4$   $R5=92.1$   $R6=92.2$   $R7=95.6$   $R8=87.8$

$R9=68.6$   $R10=87.2$   $R11=93.1$   $R12=71.7$   $R13=94.0$   $R14=96.9$   $R15=91.1$

### Optical Parameter

Luminous flux: 61.379 lm Luminous efficiency: 79.92 lm/w Radiant flux: 0.2094 W

### Electrical Parameter

Voltage: 48 V Current: 16 mA Watte: 0.768 W Power factor:

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