



## Spectral test report for lamp

Product type : LED Neon  
Product No. : N1616-3D-5M-RGB  
Manufacturer : BLED

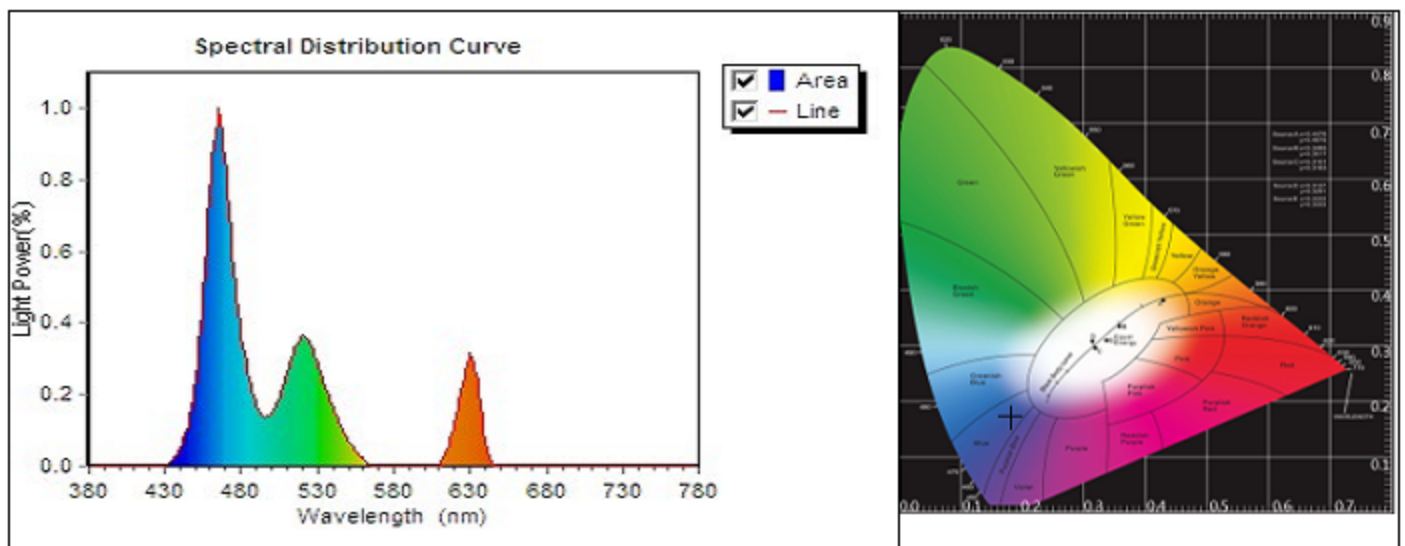
Test date. : 2024-12-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 47436 (72.4%)  
Integral time. : 80ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.1800$   $y=0.2235$   $u=0.1353$   $v=0.2520$  ( $duv=-0.0512$ )

Color temperature:  $TC=100000$  K Color difference:  $SDCM=91.7$  Main Wavelength:  $\lambda_d=481.01$ nm Purity:  $Purity=0.728$

Peak wavelength:  $\lambda_p=465.0$  nm FWHM:  $\lambda_p=20.7$  nm Color ratio:  $R=11.05\%$   $G=71.32\%$   $B=17.63\%$

Color rendering index (Ra):  $Ra=63$

$R1=74.0$   $R2=62.5$   $R3=58.1$   $R4=54.2$   $R5=78.5$   $R6=57.1$   $R7=56.4$   $R8=63.1$

$R9=-11.0$   $R10=21.9$   $R11=38.3$   $R12=57.5$   $R13=46.8$   $R14=74.9$   $R15=64.4$

### Optical Parameter

Luminous flux: 594.472 lm luminous efficiency: 8.96 lm/w Radiant flux: 2.8826 W

### Electrical Parameter

Voltage: 24.0 V Current: 2.765 A Wattle: 66.36 W Power factor: 1.000

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