



## Spectral test report for lamp

Product type : NEON LED  
Product No. : N410-5M\_RGB\_R  
Manufacturer : BLED

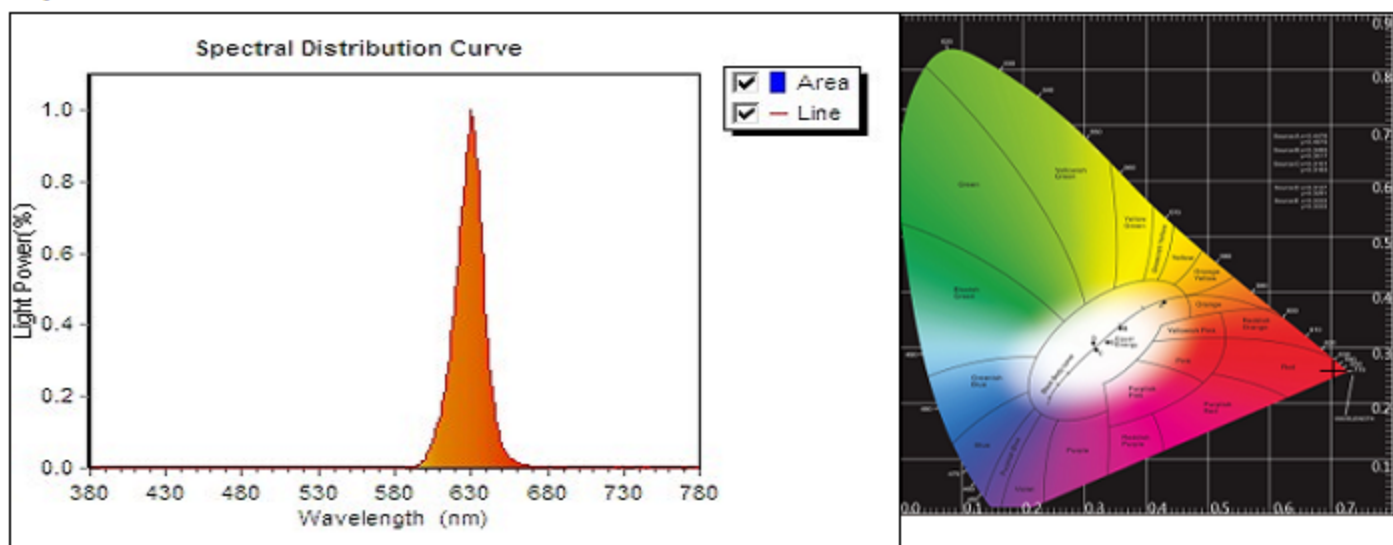
Test date. : 2023-02-21  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 44615 (68.1%)  
Integral time. : 237ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.6946$   $y=0.3029$   $u=0.5297$   $v=0.3465$  ( $duv=-0.0819$ )  
Color temperature:  $TC=1000$  K Color difference:  $SDCM=193.4$  Main Wavelength:  $\lambda_d=493.94$  nm Purity:  $Purity=0.632$   
Peak wavelength:  $\lambda_p=630.3$  nm FWHM:  $\lambda_p=18.7$  nm Color ratio:  $R=98.20\%$   $G=1.75\%$   $B=0.05\%$

Color rendering index (Ra):  $Ra=16.9$

$R1=11.7$   $R2=82.3$   $R3=31.7$   $R4=-18.7$   $R5=8.3$   $R6=93.7$   $R7=1.5$   $R8=-75.6$   
 $R9=-233.2$   $R10=77.4$   $R11=0.5$   $R12=73.7$   $R13=45.9$   $R14=60.8$   $R15=-35.1$

### Optical Parameter

Luminous flux: 2.883 lm luminous efficiency: 4.45 lm/w Radiant flux: 0.0147 W

### Electrical Parameter

Voltage: 24.0 V Current: 0.027 A Watte: 0.648 W Power factor: 1.000

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