



## Spectral test report for lamp

Product type : NEON LED  
Product No. : N20D-5M-BN  
Manufacturer : BLED

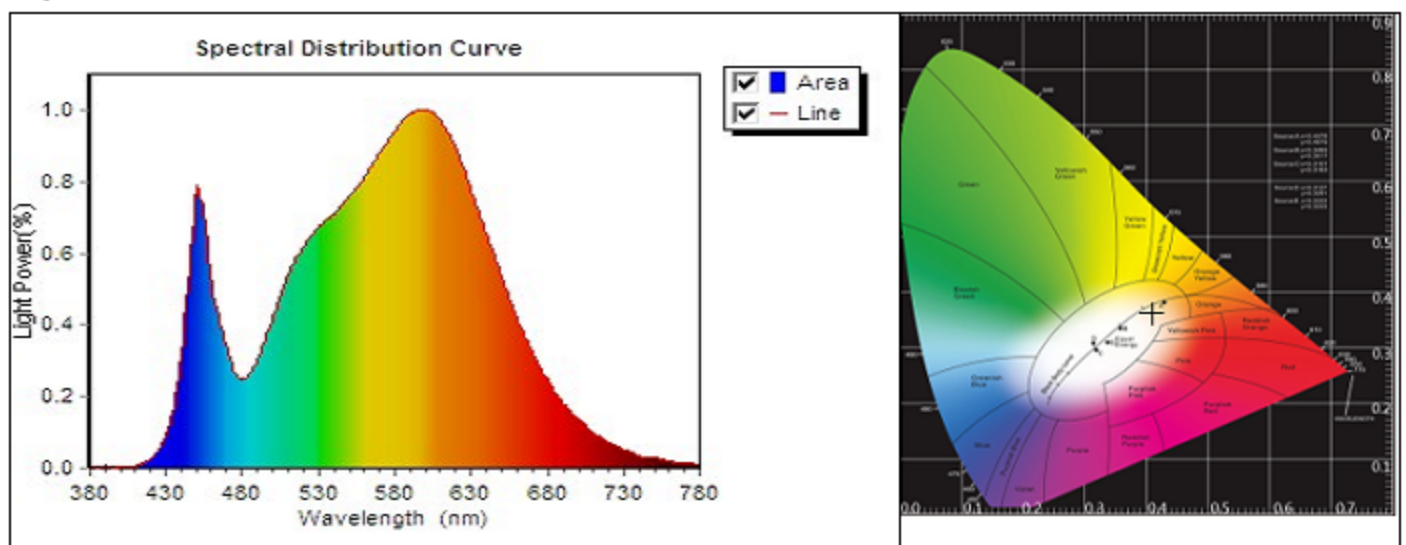
Test date. : 2023-01-18  
Test equipment : SPEC2000A Spectrometer  
Operator. : -

### Test Condition

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

Humidity : 65%  
Peak AD. : 43848 (66.9%)  
Integral time. : 51ms

### Spectral Parameter



1â€œx-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4038$   $y=0.3995$   $u=0.2312$   $v=0.3431$  ( $duv=0.0042$ )

Color temperature:  $TC=3604$  K Color difference:  $SDCM=5.4$  Main Wavelength:  $\lambda_d=488.01$  nm Purity:  $Purity=0.106$

Peak wavelength:  $\lambda_p=597.4$  nm FWHM:  $\lambda_p=146.4$  nm Color ratio:  $R=21.05\%$   $G=76.21\%$   $B=2.74\%$

Color rendering index (Ra):  $Ra=82.4$

$R1=80.1$   $R2=88.5$   $R3=96.0$   $R4=81.3$   $R5=79.9$   $R6=84.7$   $R7=86.1$   $R8=62.1$

$R9=4.4$   $R10=73.1$   $R11=80.2$   $R12=60.7$   $R13=82.8$   $R14=97.8$   $R15=72.8$

### Optical Parameter

Luminous flux: 112.2 lm Luminous efficiency: 88.21 lm/w Radiant flux: 0.3317 W

### Electrical Parameter

Voltage: 24.0 V Current: 0.053 A Wate: 1.272 W Power factor: 1.000

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>