



## Spectral test report for lamp

Product type : NEON LED 360  
Product No. : NSD22-2M-RGB\_G  
Manufacturer : BLED

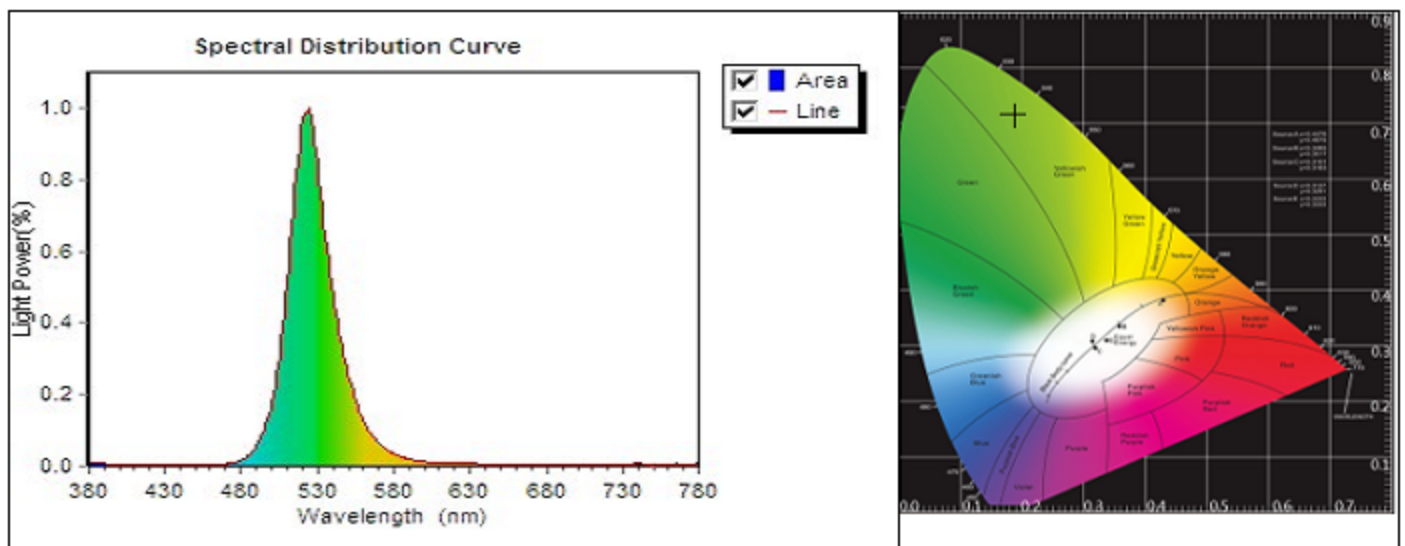
Test date. : 2023-06-12  
Test equipment : SPEC2000A Spectrometer  
Operator. : T2023021501-01

### Test Condition

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

Humidity : 65%  
Peak AD. : 52580 (80.2%)  
Integral time. : 49ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.1839$   $y=0.7270$   $u=0.0648$   $v=0.3841$  ( $duv=0.1539$ )

Color temperature:  $TC=7588$  K Color difference:  $SDCM=275.1$  Main Wavelength:  $\lambda_d=506.04$  nm Purity:  $Purity=0.8$

Peak wavelength:  $\lambda_p=523.2$  nm FWHM:  $\lambda_p=29.1$  nm Color ratio:  $R=0.69\%$   $G=98.43\%$   $B=0.88\%$

Color rendering index (Ra):  $Ra=-19.5$

$R1=-32.5$   $R2=-6.1$   $R3=-16.3$   $R4=-56.0$   $R5=-8.0$   $R6=-14.0$   $R7=2.7$   $R8=-25.9$

$R9=-342.1$   $R10=-103.1$   $R11=-86.8$   $R12=-33.1$   $R13=-34.9$   $R14=41.8$   $R15=-30.2$

### Optical Parameter

Luminous flux: 55.166 lm Luminous efficiency: 51.08 lm/w Radiant flux: 0.1111 W

### Electrical Parameter

Voltage: 23.99 V Current: 0.045 A Watto: 1.08 W Power factor: 1.000

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