



Spectral test report for lamp

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

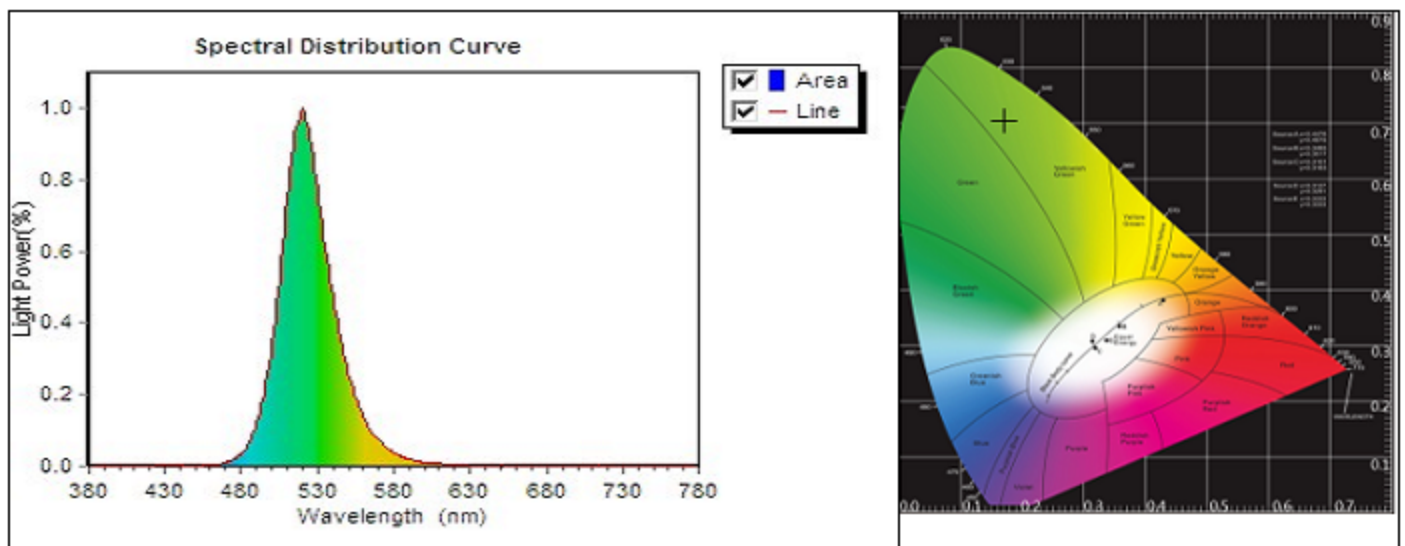
Test date. : 2024-12-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49504 (75.5%)
Integral time. : 199ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1698$ $y=0.7177$ $u=0.0603$ $v=0.3820$ ($duv=0.1567$)

Color temperature: $TC=7860$ K Color difference: $SDCM=278.6$ Main Wavelength: $\lambda_d=505.1$ nm Purity: $Purity=0.82$

Peak wavelength: $\lambda_p=520.0$ nm FWHM: $\lambda_p=34.6$ nm Color ratio: $R=0.39\%$ $G=97.92\%$ $B=1.69\%$

Color rendering index (Ra): $Ra=-21.6$

$R1=-33.7$ $R2=-5.9$ $R3=-17.6$ $R4=-61.2$ $R5=-8.1$ $R6=-12.7$ $R7=-3.2$ $R8=-30.4$

$R9=-355.4$ $R10=-100.0$ $R11=-90.0$ $R12=-28.0$ $R13=-36.1$ $R14=41.6$ $R15=-32.2$

Optical Parameter

Luminous flux: 614.094 lm luminous efficiency: 21.68 lm/w Radiant flux: 1.2747 W

Electrical Parameter

Voltage: 24.0 V Current: 1.180 A Wattle: 28.32 W Power factor: 1.000

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