



Spectral test report for lamp

Product type : LED NEON
Product No. : N1616-3D-5M-BF
Manufacturer : BLED

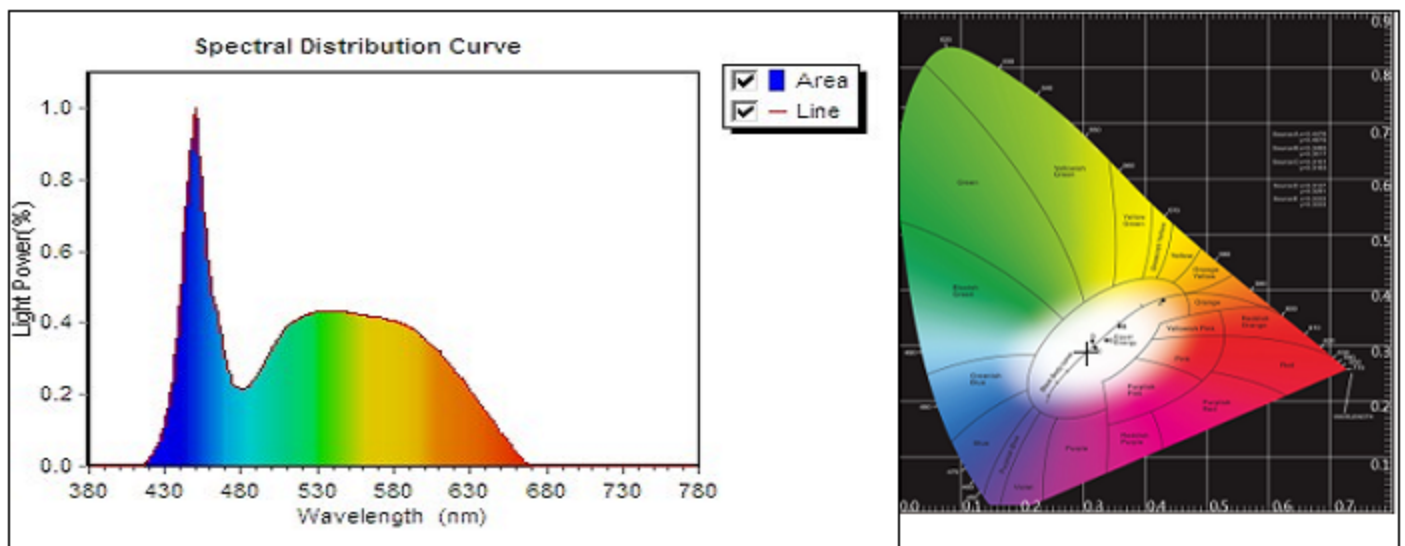
Test date. : 2024-12-18
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 40127 (61.2%)
Integral time. : 63ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: x=0.3014 y=0.3303 u=0.1895 v=0.3116 (duv=0.0097)

Color temperature: TC=7122 K Color difference: SDCM=8.6 Main Wavelength: $\lambda_d=483.04\text{nm}$ Purity: Purity=0.377

Peak wavelength: $\lambda_p=449.4\text{nm}$ FWHM: $\Delta\lambda_p=19.6\text{nm}$ Color ratio: R=12.91% G=81.88% B=5.21%

Color rendering index (Ra): Ra=78.6

R1=74.7 R2=83.7 R3=90.4 R4=78.1 R5=76.8 R6=78.7 R7=85.6 R8=60.2

R9=-31.1 R10=62.0 R11=77.3 R12=53.3 R13=78.3 R14=95.0 R15=66.9

Optical Parameter

Luminous flux: 2313.43 lm luminous efficiency: 40.92 lm/w Radiant flux: 7.0208 W

Electrical Parameter

Voltage: 24.0 V Current: 2.356 A Wattle: 56.54 W Power factor: 1.000

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