



Spectral test report for lamp

Product type : LED Neon
Product No. : N1616-3D-5M-270
Manufacturer : BLED

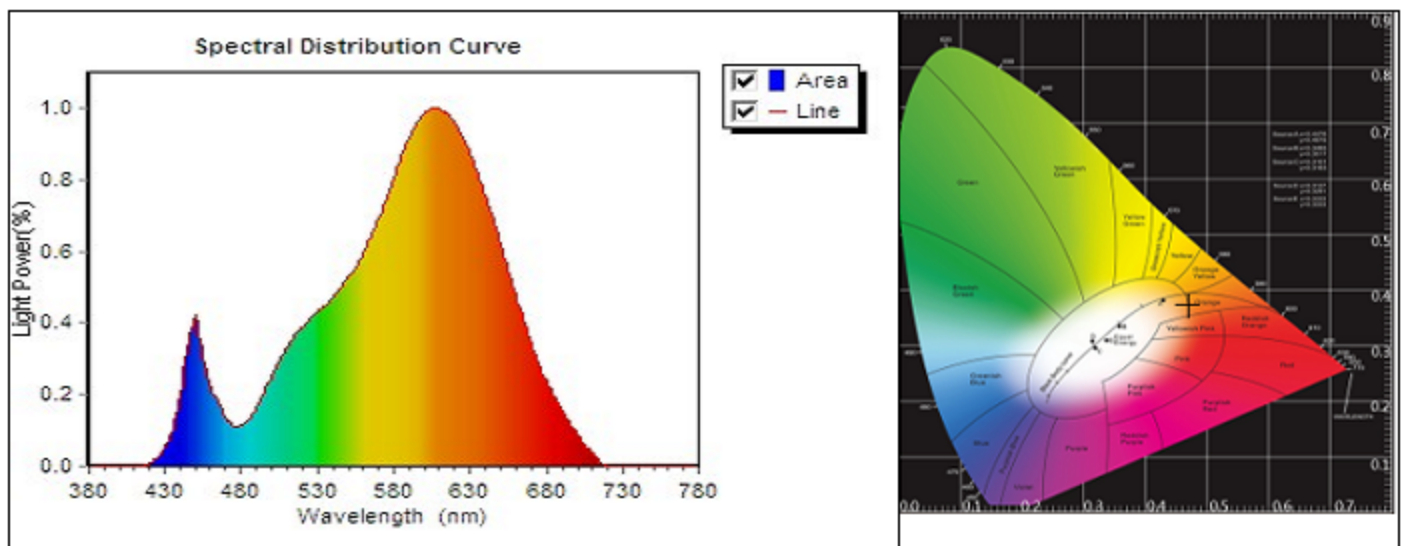
Test date. : 2024-12-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 39176 (59.8%)
Integral time. : 80ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4624$ $y=0.4096$ $u=0.2646$ $v=0.3516$ ($duv=-0.0006$)

Color temperature: $TC=2657$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=602.02$ nm Purity: $Purity=0.075$

Peak wavelength: $\lambda_p=606.6$ nm FWHM: $\lambda_p=112.5$ nm Color ratio: $R=27.45\%$ $G=70.85\%$ $B=1.70\%$

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

$R1=81.0$ $R2=91.0$ $R3=96.5$ $R4=80.9$ $R5=81.2$ $R6=90.0$ $R7=81.4$ $R8=56.8$

$R9=6.1$ $R10=79.9$ $R11=81.5$ $R12=74.4$ $R13=84.1$ $R14=98.9$ $R15=72.7$

Optical Parameter

Luminous flux: 2576.259 lm luminous efficiency: 44.79 lm/w Radiant flux: 7.6056 W

Electrical Parameter

Voltage: 24.0 V Current: 2.397 A Wattle: 57.52 W Power factor: 1.000

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