



Spectral test report for lamp

Product type : NEON LED
Product No. : N410-5M_RGB_B
Manufacturer : BLED

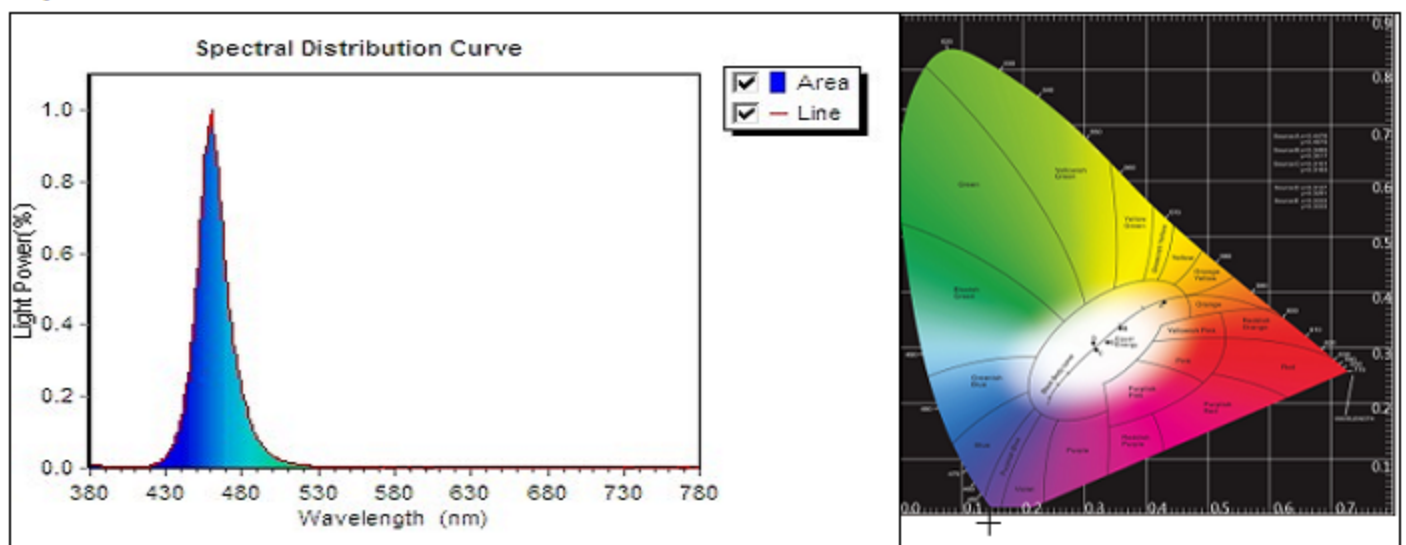
Test date. : 2023-02-21
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 55329 (84.4%)
Integral time. : 190ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1434$ $y=0.0490$ $u=0.1737$ $v=0.0891$ ($duv=-0.1833$)

Color temperature: $TC=100000$ K Color difference: $SDCM=117.0$ Main Wavelength: $\lambda_d=473.03$ nm Purity: $Purity=0.999$

Peak wavelength: $\lambda_p=459.4$ nm FWHM: $\lambda_p=20.6$ nm Color ratio: $R=1.39\%$ $G=20.59\%$ $B=78.02\%$

Color rendering index (Ra): $Ra=-46.4$

$R1=1.7$ $R2=-35.1$ $R3=-141.4$ $R4=-86.9$ $R5=16.5$ $R6=-42.1$ $R7=-47.8$ $R8=-37.0$

$R9=-234.6$ $R10=-207.0$ $R11=-112.8$ $R12=-86.4$ $R13=-16.6$ $R14=-29.8$ $R15=12.0$

Optical Parameter

Luminous flux: 1.284 lm luminous efficiency: 2.06 lm/w Radiant flux: 0.0216 W

Electrical Parameter

Voltage: 24.0 V Current: 0.026 A Watte: 0.624 W Power factor: 1.000

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