



Spectral test report for lamp

Product type : NEON
Product No. : N1212-10M-AZ
Manufacturer : BLED

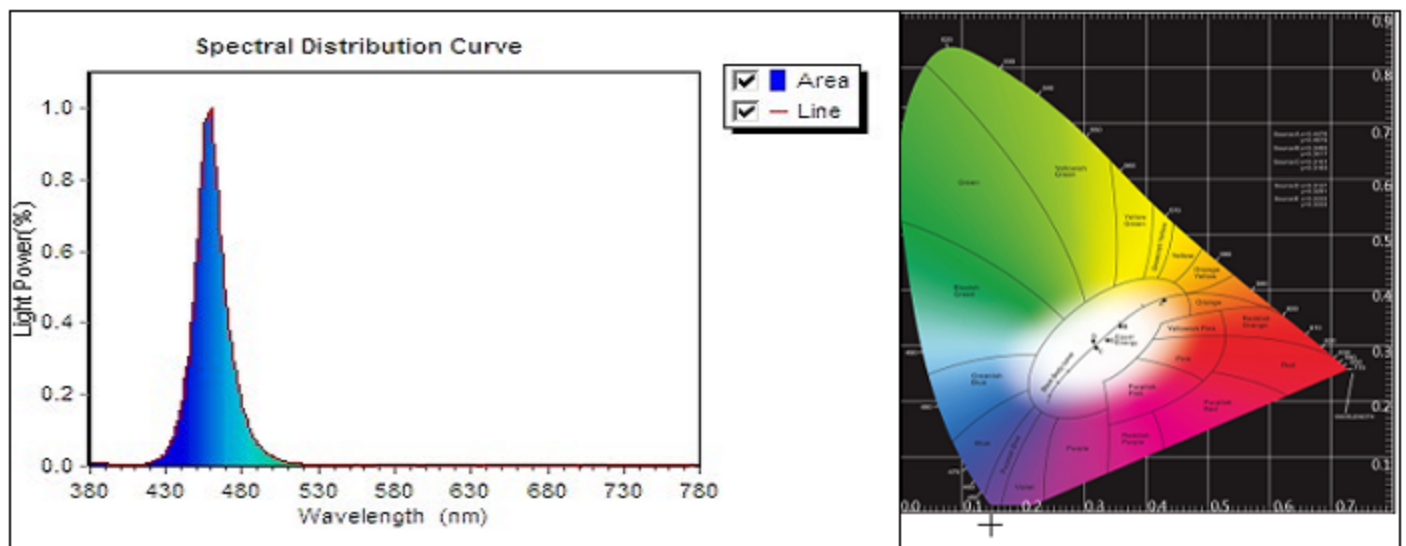
Test date. : 2023-04-24
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 55492 (84.7%)
Integral time. : 10ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.1458$ $y=0.0434$ $u=0.1805$ $v=0.0807$ ($duv=-0.1915$)

Color temperature: $TC=100000$ K Color difference: $SDCM=117.3$ Main Wavelength: $\lambda_d=472.02$ nm Purity: $Purity=1.0$

Peak wavelength: $\lambda_p=458.1$ nm FWHM: $\lambda_p=19.5$ nm Color ratio: $R=1.75\%$ $G=17.76\%$ $B=80.49\%$

Color rendering index (Ra): $Ra=-49$

$R1=5.7$ $R2=-40.2$ $R3=-151.1$ $R4=-89.3$ $R5=18.6$ $R6=-45.9$ $R7=-52.6$ $R8=-37.6$

$R9=-212.9$ $R10=-221.9$ $R11=-113.9$ $R12=-94.5$ $R13=-16.2$ $R14=-33.9$ $R15=15.5$

Optical Parameter

Luminous flux: 22.371 lm Luminous efficiency: 20.71 lm/w Radiant flux: 0.4185 W

Electrical Parameter

Voltage: 24.0 V Current: 0.045 A Watte: 1.08 W Power factor: 1.000

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