



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

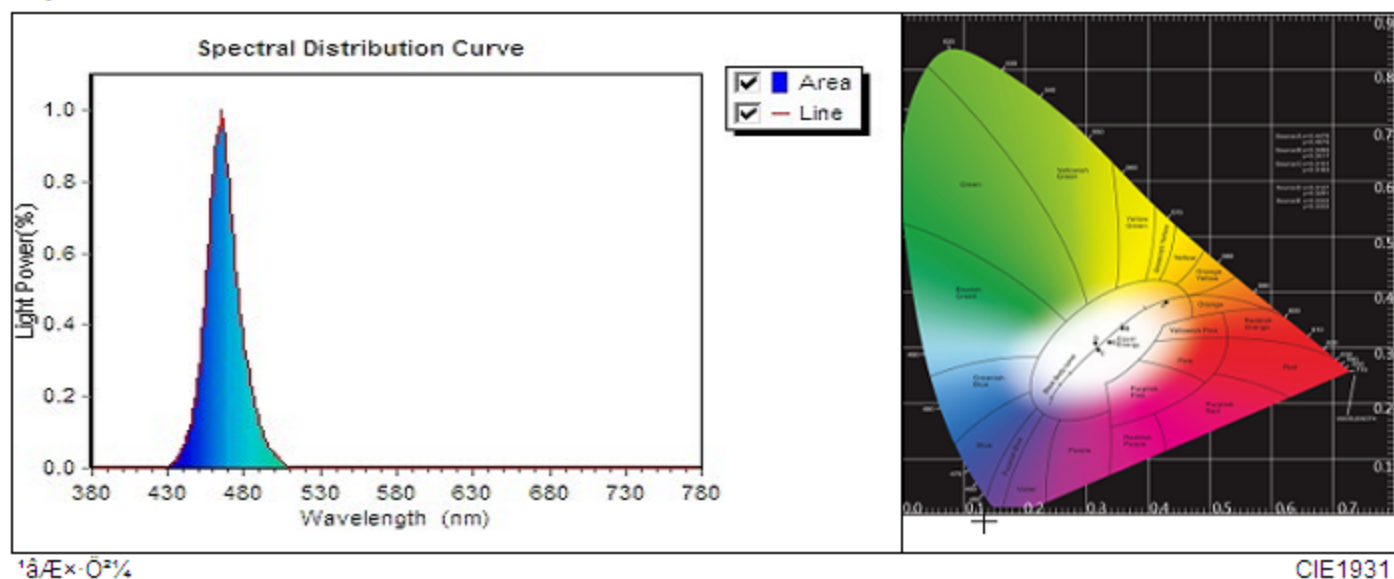
Test date. : 2024-12-20
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 58120 (88.7%)
Integral time. : 80ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1330$ $y=0.0532$ $u=0.1577$ $v=0.0947$ ($duv=-0.1792$)
Color temperature: $TC=100000$ K Color difference: $SDCM=119.8$ Main Wavelength: $\lambda_d=474.05$ nm Purity: $Purity=1.011$
Peak wavelength: $\lambda_p=464.6$ nm FWHM: $\Delta\lambda_p=21.4$ nm Color ratio: $R=0.00\%$ $G=4.29\%$ $B=95.71\%$

Color rendering index (Ra): $Ra=-65.3$

$R1=-23.9$ $R2=-72.9$ $R3=-167.2$ $R4=-85.9$ $R5=-3.7$ $R6=-75.0$ $R7=-57.4$ $R8=-37.1$
 $R9=-296.2$ $R10=-308.4$ $R11=-111.0$ $R12=-130.3$ $R13=-54.6$ $R14=-44.6$ $R15=-10.3$

Optical Parameter

Luminous flux: 127.64 lm Luminous efficiency: 4.78 lm/w Radiant flux: 2.0959 W

Electrical Parameter

Voltage: 24.0 V Current: 1.112 A Watto: 26.68 W Power factor: 1.000

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