



BARCELONALED ILUMINACION S.L.
BRCELONALED, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

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

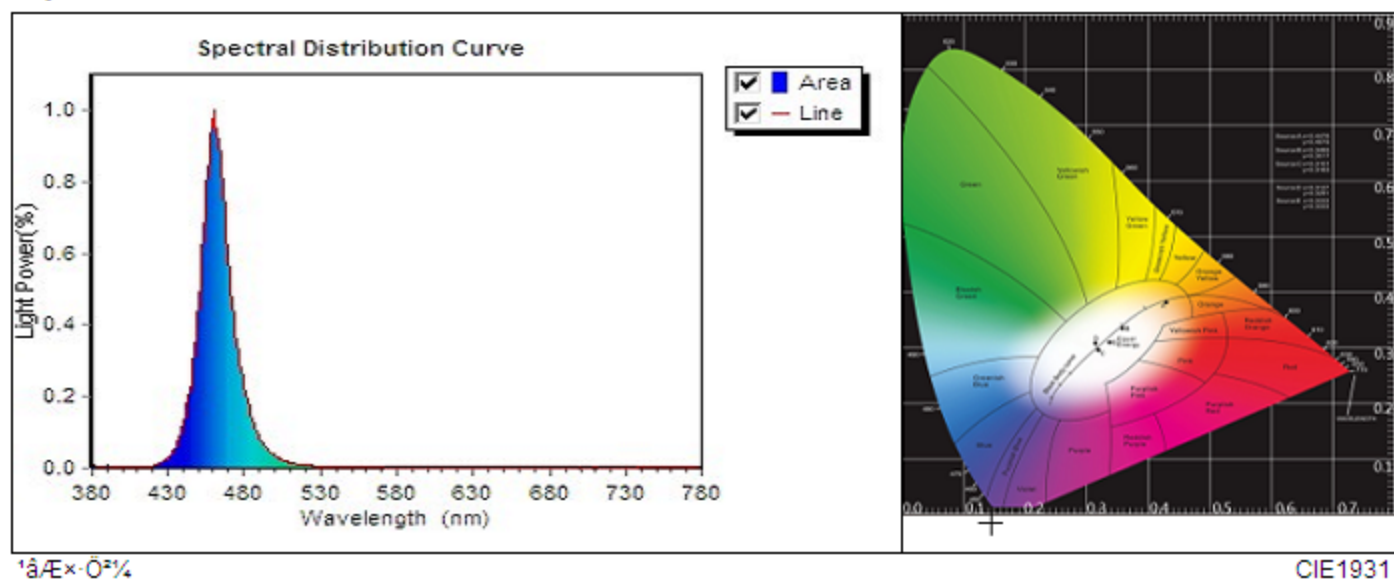
Test date. : 2022-09-28
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 56294 (85.9%)
Integral time. : 24ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1425$ $y=0.0503$ $u=0.1717$ $v=0.0910$ ($duv=-0.1815$)
Color temperature: $TC=100000$ K Color difference: $SDCM=117.0$ Main Wavelength: $\lambda_d=473.04$ nm Purity: $Purity=0.998$
Peak wavelength: $\lambda_p=460.4$ nm FWHM: $\lambda_p=20.4$ nm Color ratio: $R=1.63\%$ $G=19.37\%$ $B=79.00\%$

Color rendering index (Ra): $Ra=-46.5$

$R1=3.6$ $R2=-37.2$ $R3=-143.3$ $R4=-85.3$ $R5=17.7$ $R6=-43.8$ $R7=-48.6$ $R8=-35.3$
 $R9=-218.4$ $R10=-212.9$ $R11=-110.7$ $R12=-88.2$ $R13=-17.1$ $R14=-30.9$ $R15=13.5$

Optical Parameter

Luminous flux: 10.207 lm Luminous efficiency: 14.18 lm/w Radiant flux: 0.1703 W

Electrical Parameter

Voltage: 24.0 V Current: 0.030 A Watto: 0.72 W Power factor: 1.000

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