



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

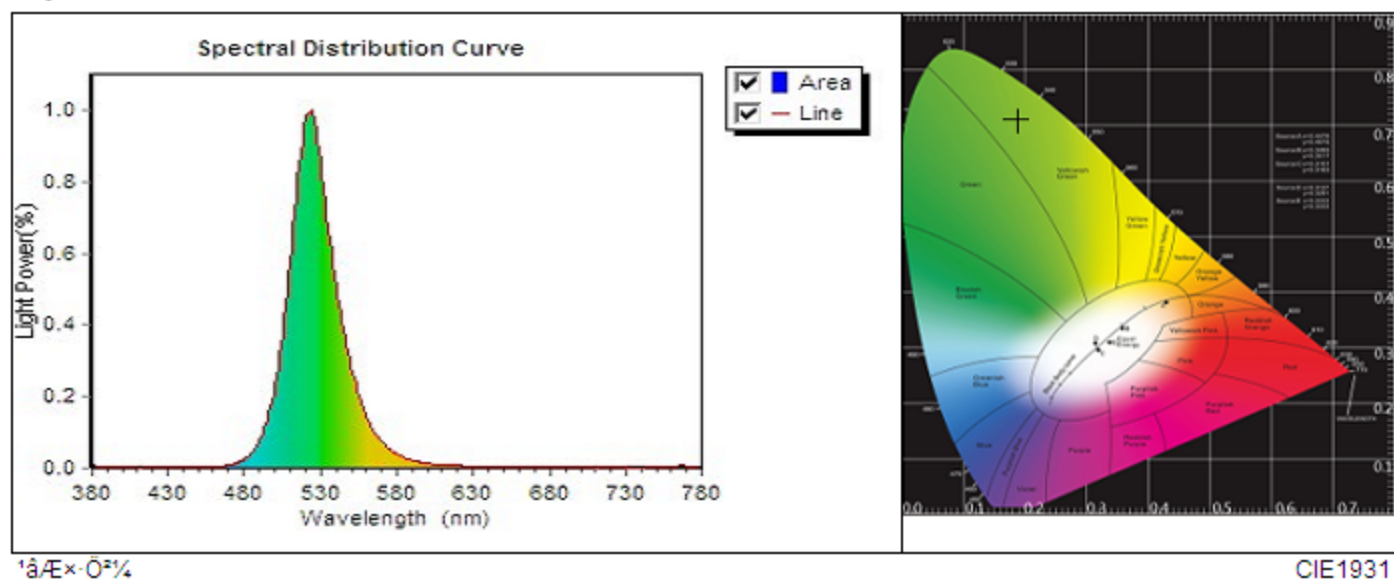
Test date. : 2022-09-28
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45463 (69.4%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1840$ $y=0.7214$ $u=0.0652$ $v=0.3834$ ($duv=0.1532$)
Color temperature: $TC=7608$ K Color difference: $SDCM=272.5$ Main Wavelength: $\lambda_d=506.02$ nm Purity: $Purity=0.792$
Peak wavelength: $\lambda_p=523.0$ nm FWHM: $\Delta\lambda_p=31.6$ nm Color ratio: $R=0.59\%$ $G=98.28\%$ $B=1.12\%$

Color rendering index (Ra): $Ra=-18.7$

$R1=-32.8$ $R2=-4.5$ $R3=-13.1$ $R4=-56.4$ $R5=-7.9$ $R6=-11.8$ $R7=3.1$ $R8=-26.7$
 $R9=-347.1$ $R10=-98.4$ $R11=-86.5$ $R12=-29.3$ $R13=-34.4$ $R14=43.6$ $R15=-31.0$

Optical Parameter

Luminous flux: 49.163 lm Luminous efficiency: 64.01 lm/w Radiant flux: 0.0993 W

Electrical Parameter

Voltage: 24.0 V Current: 0.032 A Watto: 0.768 W Power factor: 1.000

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