



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

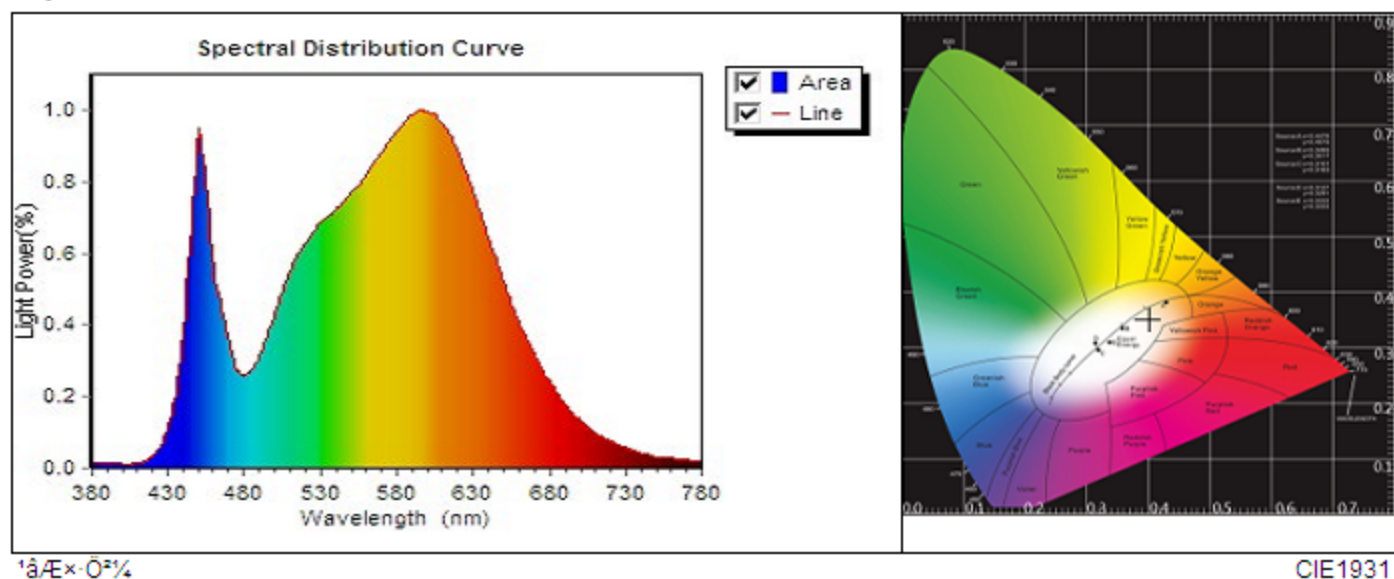
Test date. : 2023-04-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 43291 (66.1%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3946$ $y=0.3894$ $u=0.2293$ $v=0.3394$ ($duv=0.0019$)
Color temperature: $TC=3734$ K Color difference: $SDCM=7.0$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.131$
Peak wavelength: $\lambda_p=596.0$ nm FWHM: $\Delta\lambda_p=146.6$ nm Color ratio: $R=20.72\%$ $G=76.35\%$ $B=2.92\%$

Color rendering index (Ra): $Ra=82.9$

$R1=81.1$ $R2=89.0$ $R3=95.4$ $R4=82.0$ $R5=81.0$ $R6=85.0$ $R7=86.0$ $R8=63.4$
 $R9=7.1$ $R10=73.9$ $R11=81.0$ $R12=61.8$ $R13=83.6$ $R14=97.5$ $R15=74.4$

Optical Parameter

Luminous flux: 124.127 lm luminous efficiency: 117.54 lm/w Radiant flux: 0.3733 W

Electrical Parameter

Voltage: 24.0 V Current: 0.044 A Watto: 1.056 W Power factor: 1.000

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