



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-BC
Manufacturer : BLED

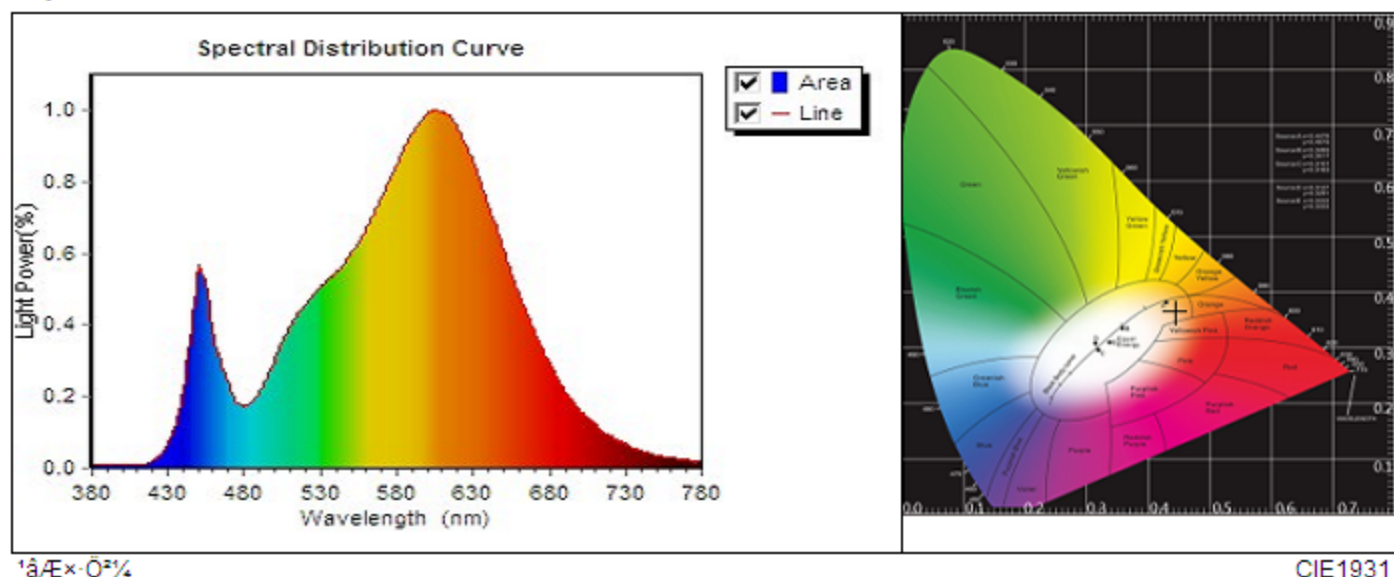
Test date. : 2023-04-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45853 (70.0%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4379$ $y=0.4008$ $u=0.2526$ $v=0.3468$ ($duv=-0.0015$)
Color temperature: $TC=2957$ K Color difference: $SDCM=1.1$ Main Wavelength: $\lambda_d=481.08$ nm Purity: $Purity=0.026$
Peak wavelength: $\lambda_p=605.3$ nm FWHM: $\Delta\lambda_p=130.4$ nm Color ratio: $R=25.31\%$ $G=72.47\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=84.1$

$R1=83.0$ $R2=91.9$ $R3=96.6$ $R4=82.4$ $R5=83.1$ $R6=90.0$ $R7=83.5$ $R8=61.7$
 $R9=14.2$ $R10=81.1$ $R11=82.3$ $R12=72.5$ $R13=85.8$ $R14=98.8$ $R15=76.1$

Optical Parameter

Luminous flux: 122.438 lm luminous efficiency: 108.54 lm/w Radiant flux: 0.3792 W

Electrical Parameter

Voltage: 24.0 V Current: 0.047 A Watto: 1.128 W Power factor: 1.000

MEASUREFINE

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