



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

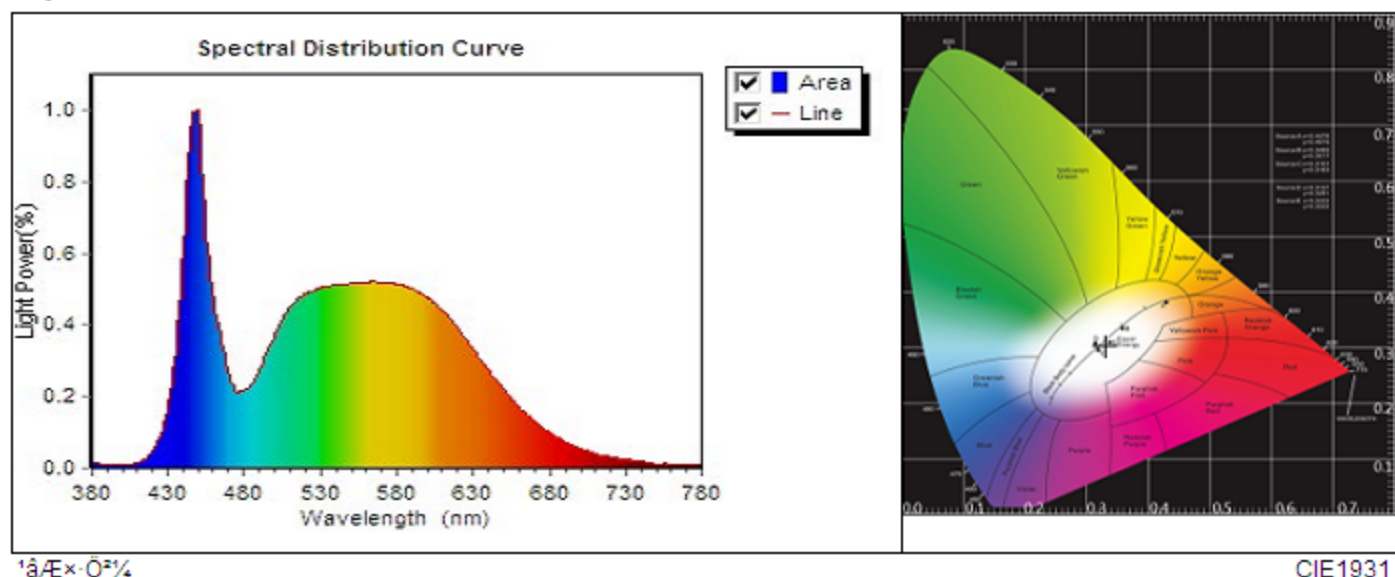
Test date. : 2023-04-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 53998 (82.4%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3260$ $y=0.3450$ $u=0.2010$ $v=0.3191$ ($duv=0.0049$)
Color temperature: $TC=5786$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.314$
Peak wavelength: $\lambda_p=447.6$ nm FWHM: $\Delta\lambda_p=19.6$ nm Color ratio: $R=15.34\%$ $G=80.33\%$ $B=4.33\%$

Color rendering index (Ra): $Ra=82.1$

$R1=80.5$ $R2=85.4$ $R3=89.5$ $R4=83.3$ $R5=81.8$ $R6=80.6$ $R7=86.6$ $R8=68.8$
 $R9=4.6$ $R10=66.1$ $R11=83.5$ $R12=62.2$ $R13=82.1$ $R14=94.4$ $R15=75.0$

Optical Parameter

Luminous flux: 119.586 lm luminous efficiency: 115.88 lm/w Radiant flux: 0.378 W

Electrical Parameter

Voltage: 24.0 V Current: 0.043 A Watto: 1.032 W Power factor: 1.000

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