



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED
Product No. : N410-5M-BC
Manufacturer : BLED

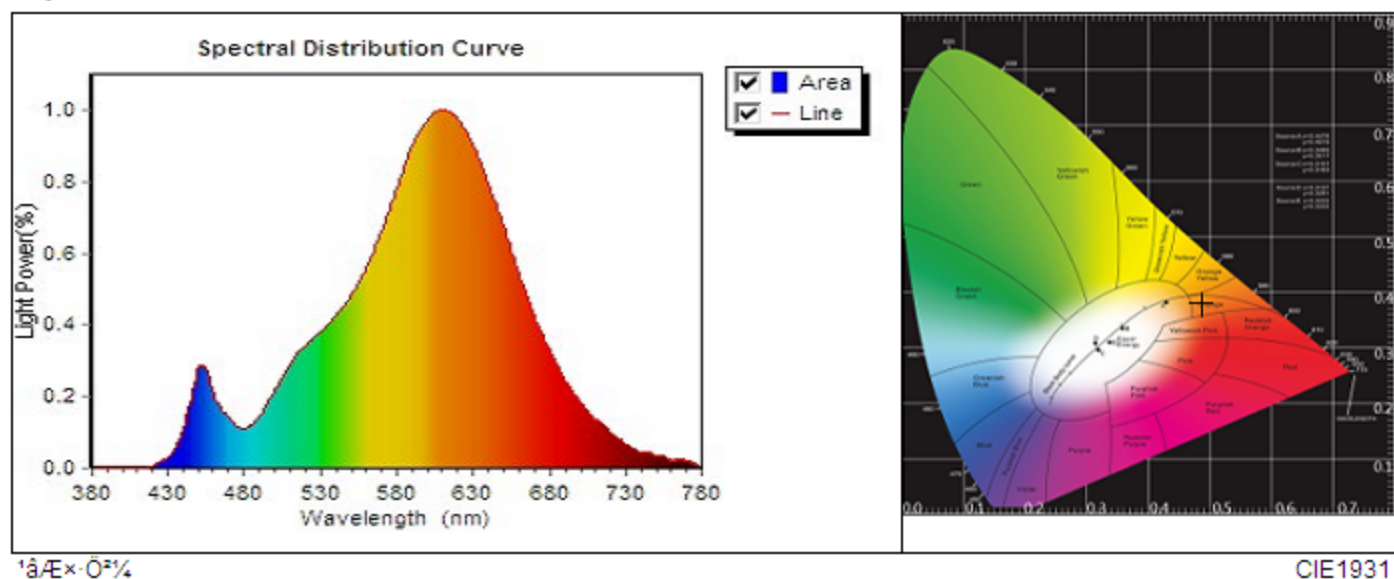
Test date. : 2023-01-23
Test equipment : SPEC2000A Spectrometer
Operator. : -

Test Condition

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

Humidity : 65%
Peak AD. : 56419 (86.1%)
Integral time. : 276ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4803$ $y=0.4146$ $u=0.2739$ $v=0.3546$ ($duv=0.0002$)
Color temperature: $TC=2468$ K Color difference: $SDCM=13.2$ Main Wavelength: $\lambda_d=597.04$ nm Purity: $Purity=0.195$
Peak wavelength: $\lambda_p=610.1$ nm FWHM: $\Delta\lambda_p=111.3$ nm Color ratio: $R=29.18\%$ $G=69.25\%$ $B=1.56\%$

Color rendering index (Ra): $Ra=82.2$

$R1=80.7$ $R2=91.6$ $R3=95.4$ $R4=79.8$ $R5=80.9$ $R6=91.3$ $R7=81.0$ $R8=56.6$
 $R9=9.0$ $R10=81.8$ $R11=79.9$ $R12=76.0$ $R13=84.0$ $R14=98.3$ $R15=72.6$

Optical Parameter

Luminous flux: 22.832 lm Luminous efficiency: 21.14 lm/w Radiant flux: 0.0721 W

Electrical Parameter

Voltage: 24.0 V Current: 0.045 A Watto: 1.08 W Power factor: 1.000

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