



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

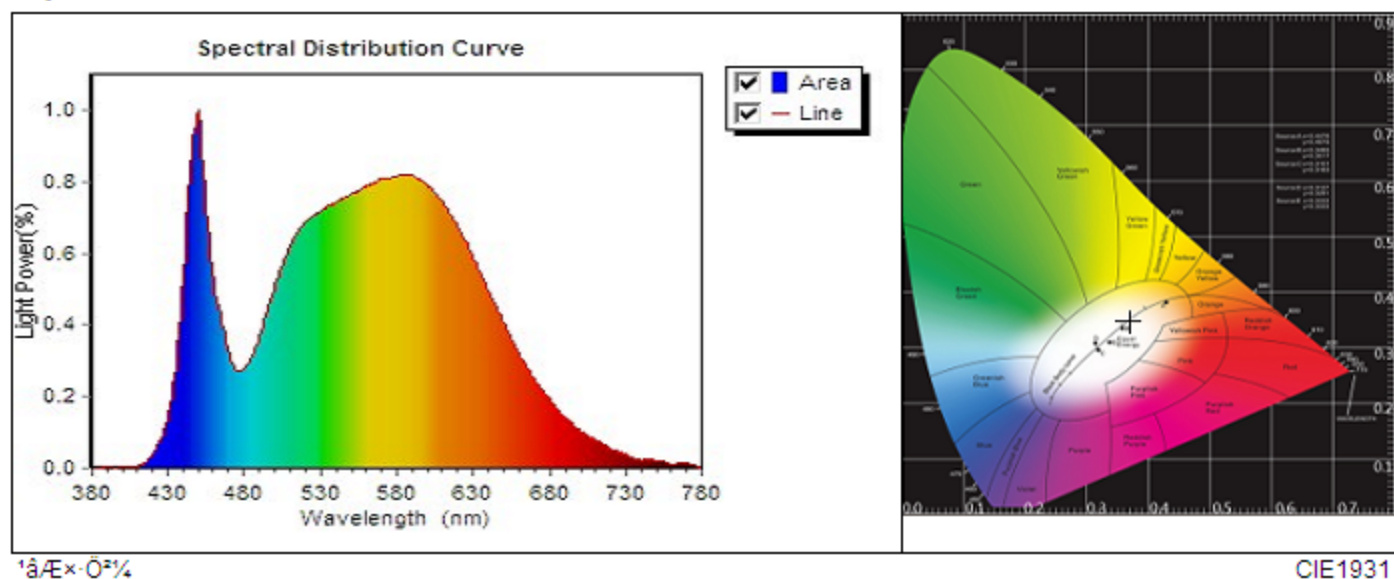
Test date. : 2023-01-23
Test equipment : SPEC2000A Spectrometer
Operator. : -

Test Condition

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

Humidity : 65%
Peak AD. : 56502 (86.2%)
Integral time. : 276ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3636$ $y=0.3856$ $u=0.2108$ $v=0.3353$ ($duv=0.0094$)
Color temperature: $TC=4532$ K Color difference: $SDCM=10.1$ Main Wavelength: $\lambda_d=487.02$ nm Purity: $Purity=0.204$
Peak wavelength: $\lambda_p=448.9$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=17.31\%$ $G=79.27\%$ $B=3.42\%$

Color rendering index (Ra): $Ra=81.3$

$R1=77.8$ $R2=85.3$ $R3=93.4$ $R4=81.1$ $R5=78.2$ $R6=80.7$ $R7=88.5$ $R8=64.9$
 $R9=0.0$ $R10=66.8$ $R11=79.8$ $R12=56.2$ $R13=80.3$ $R14=96.5$ $R15=70.5$

Optical Parameter

Luminous flux: 27.504 lm Luminous efficiency: 26.05 lm/w Radiant flux: 0.0817 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>