



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Neon
Product No. : N1616-3D-5M-BN
Manufacturer : BLED

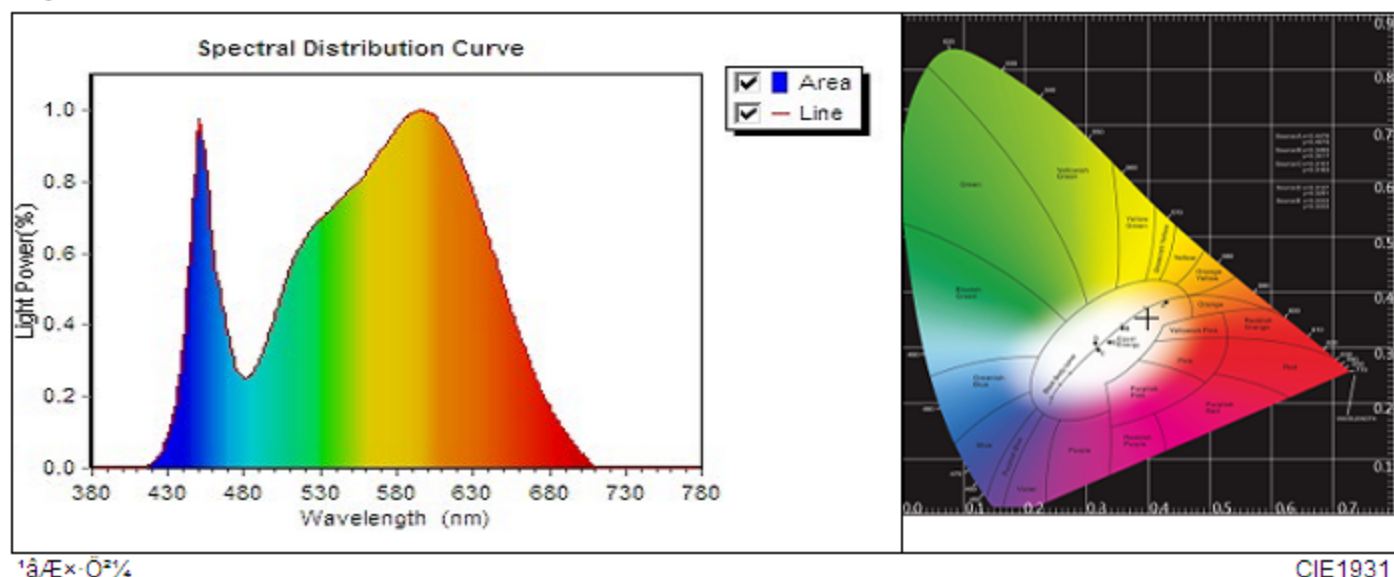
Test date. : 2024-12-20
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 38303 (58.4%)
Integral time. : 80ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3934$ $y=0.3909$ $u=0.2280$ $v=0.3397$ ($duv=0.0029$)
Color temperature: $TC=3774$ K Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=486.08$ nm Purity: $Purity=0.132$
Peak wavelength: $\lambda_p=595.5$ nm FWHM: $\Delta\lambda_p=145.5$ nm Color ratio: $R=20.42\%$ $G=76.69\%$ $B=2.89\%$

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

$R1=80.2$ $R2=88.4$ $R3=95.0$ $R4=81.2$ $R5=79.9$ $R6=84.1$ $R7=85.8$ $R8=62.3$
 $R9=3.5$ $R10=72.4$ $R11=80.1$ $R12=58.6$ $R13=82.9$ $R14=97.2$ $R15=73.2$

Optical Parameter

Luminous flux: 2814.322 lm luminous efficiency: 54.77 lm/w Radiant flux: 8.0534 W

Electrical Parameter

Voltage: 24.0 V Current: 2.141 A Watte: 51.38 W Power factor: 1.000

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