



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

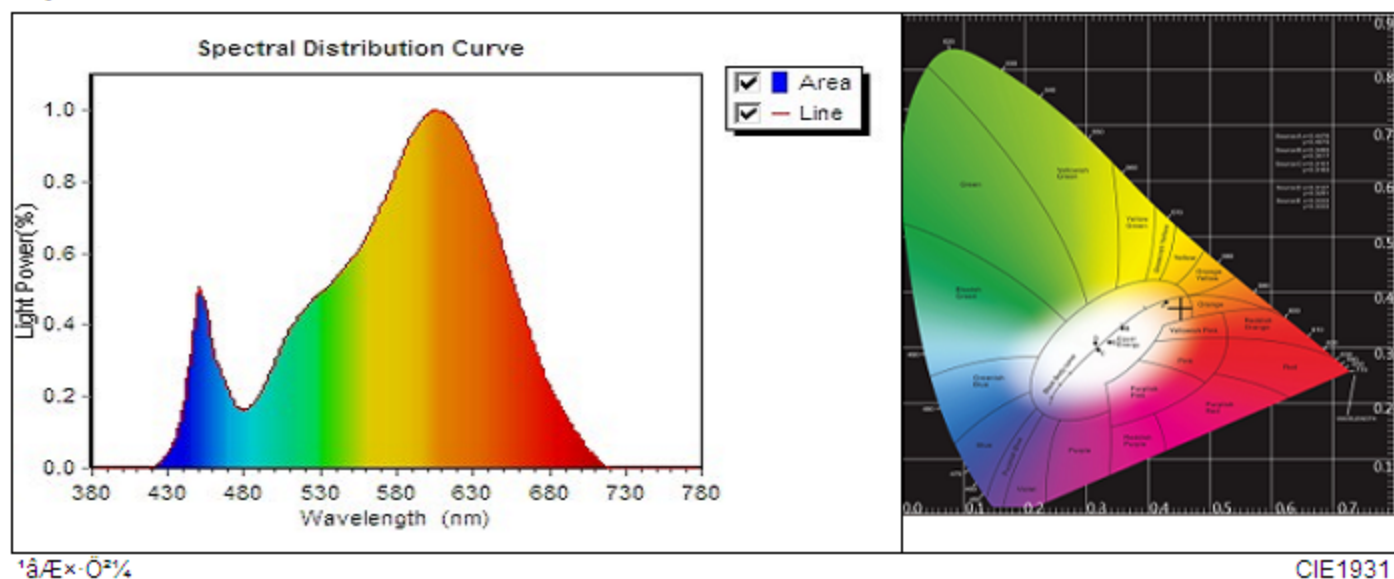
Test date. : 2024-12-20
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 39063 (59.6%)
Integral time. : 80ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4457$ $y=0.4072$ $u=0.2548$ $v=0.3493$ ($duv=0.0001$)
Color temperature: $TC=2883$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=490.07$ nm Purity: $Purity=0.005$
Peak wavelength: $\lambda_p=605.9$ nm FWHM: $\Delta\lambda_p=124.9$ nm Color ratio: $R=25.76\%$ $G=72.13\%$ $B=2.11\%$

Color rendering index (Ra): $Ra=84$

$R1=82.8$ $R2=91.9$ $R3=96.9$ $R4=82.5$ $R5=82.9$ $R6=90.6$ $R7=83.2$ $R8=60.4$
 $R9=11.7$ $R10=81.4$ $R11=82.9$ $R12=72.1$ $R13=85.8$ $R14=99.1$ $R15=75.0$

Optical Parameter

Luminous flux: 2678.201 lm luminous efficiency: 46.21 lm/w Radiant flux: 7.8663 W

Electrical Parameter

Voltage: 24.0 V Current: 2.415 A Watter: 57.96 W Power factor: 1.000

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