



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Neon
Product No. : N1616-3D-5M-RGB (R)
Manufacturer : BLED

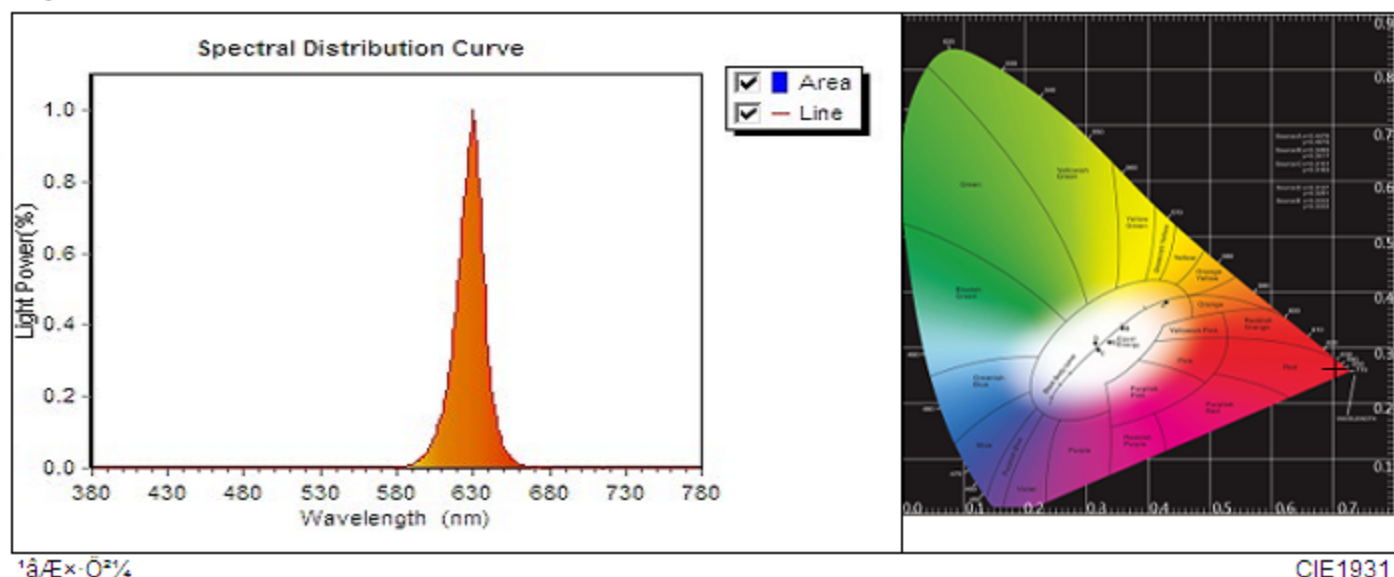
Test date. : 2024-12-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37428 (57.1%)
Integral time. : 199ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6935$ $y=0.3055$ $u=0.5255$ $v=0.3472$ ($duv=-0.0777$)
Color temperature: $TC=1000$ K Color difference: $SDCM=191.7$ Main Wavelength: $\lambda_d=493.94$ nm Purity: $Purity=0.628$
Peak wavelength: $\lambda_p=629.7$ nm FWHM: $\Delta\lambda_p=17.9$ nm Color ratio: $R=96.97\%$ $G=3.01\%$ $B=0.02\%$

Color rendering index (Ra): $Ra=14.3$

$R1=7.2$ $R2=78.8$ $R3=30.1$ $R4=-26.3$ $R5=1.8$ $R6=90.7$ $R7=4.1$ $R8=-72.4$
 $R9=-227.2$ $R10=72.5$ $R11=-12.9$ $R12=78.9$ $R13=39.7$ $R14=59.5$ $R15=-35.0$

Optical Parameter

Luminous flux: 135.105 lm luminous efficiency: 4.72 lm/w Radiant flux: 0.6544 W

Electrical Parameter

Voltage: 24.0 V Current: 1.194 A Watter: 28.65 W Power factor: 1.000

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