



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-2M-RGB_R
Manufacturer : BLED

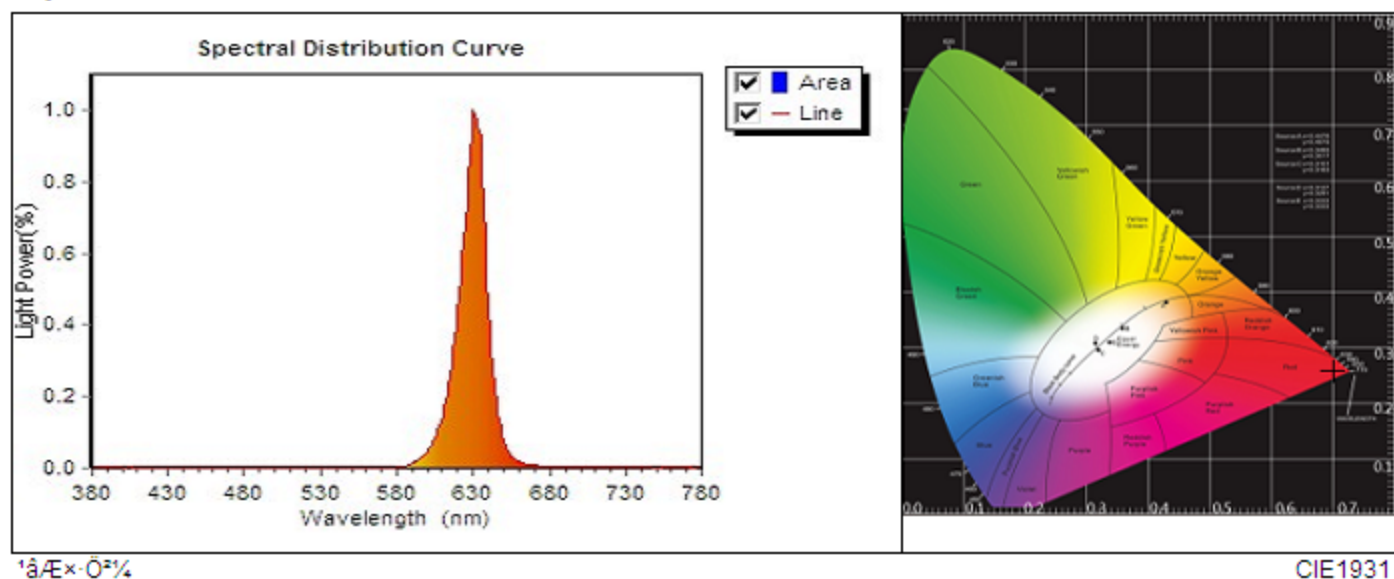
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 49416 (75.4%)
Integral time. : 49ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6896$ $y=0.3038$ $u=0.5238$ $v=0.3461$ ($duv=-0.0762$)
Color temperature: $TC=1000$ K Color difference: $SDCM=189.9$ Main Wavelength: $\lambda_d=493.96$ nm Purity: $Purity=0.621$
Peak wavelength: $\lambda_p=631.6$ nm FWHM: $\Delta\lambda_p=17.5$ nm Color ratio: $R=95.82\%$ $G=4.06\%$ $B=0.12\%$

Color rendering index (Ra): $Ra=26.5$

$R1=21.0$ $R2=85.2$ $R3=38.3$ $R4=-4.3$ $R5=21.0$ $R6=92.7$ $R7=11.9$ $R8=-54.3$
 $R9=-194.3$ $R10=82.4$ $R11=15.4$ $R12=66.0$ $R13=52.1$ $R14=65.4$ $R15=-19.7$

Optical Parameter

Luminous flux: 15.865 lm Luminous efficiency: 16.95 lm/w Radiant flux: 0.0827 W

Electrical Parameter

Voltage: 23.99 V Current: 0.039 A Watts: 0.936 W Power factor: 1.000

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