



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON LED 360
Product No. : NSD22-5M-RGB_R
Manufacturer : BLED

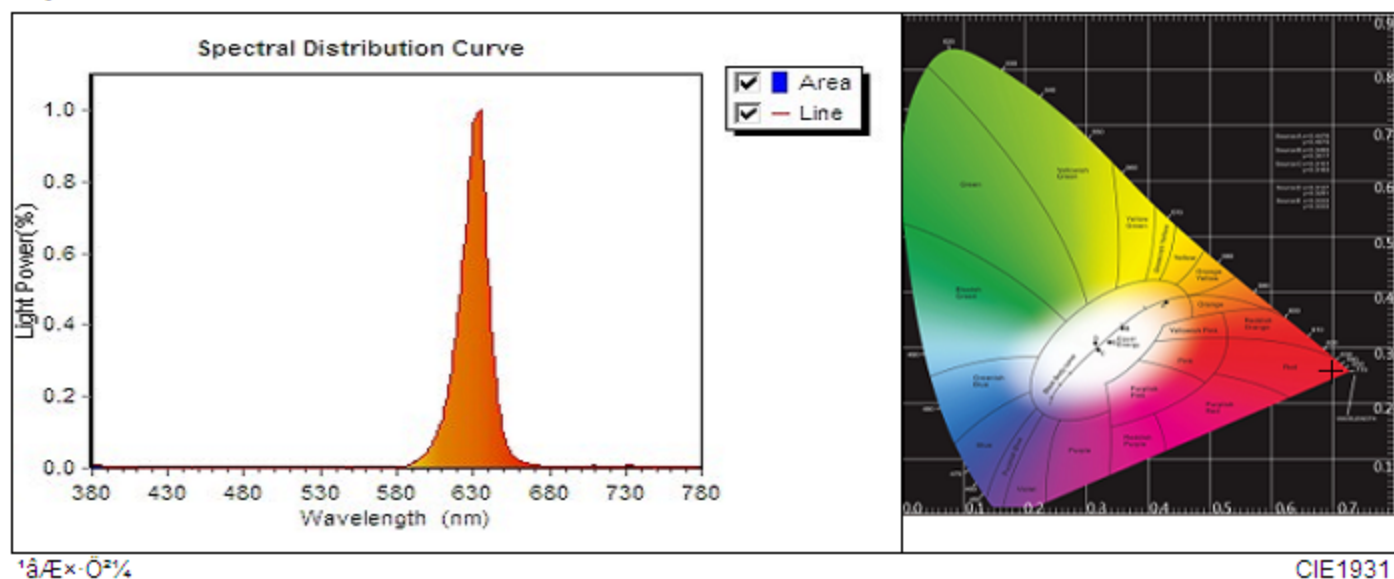
Test date. : 2023-06-12
Test equipment: SPEC2000A Spectrometer
Operator. : T2023021501-01

Test Condition

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

Humidity : 65%
Peak AD. : 47327 (72.2%)
Integral time. : 49ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6885$ $y=0.3028$ $u=0.5239$ $v=0.3456$ ($duv=-0.0763$)
Color temperature: $TC=1000$ K Color difference: $SDCM=189.5$ Main Wavelength: $\lambda_d=494.95$ nm Purity: $Purity=0.612$
Peak wavelength: $\lambda_p=632.9$ nm FWHM: $\Delta\lambda_p=17.7$ nm Color ratio: $R=95.51\%$ $G=4.33\%$ $B=0.15\%$

Color rendering index (Ra): $Ra=30$

$R1=25.2$ $R2=87.2$ $R3=40.9$ $R4=2.1$ $R5=26.8$ $R6=91.0$ $R7=14.5$ $R8=-48.3$
 $R9=-183.3$ $R10=85.6$ $R11=23.2$ $R12=59.7$ $R13=55.7$ $R14=67.0$ $R15=-14.7$

Optical Parameter

Luminous flux: 15.327 lm Luminous efficiency: 16.38 lm/w Radiant flux: 0.0828 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>