



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON
Product No. : N1212-10M-RGB_R
Manufacturer : BLED

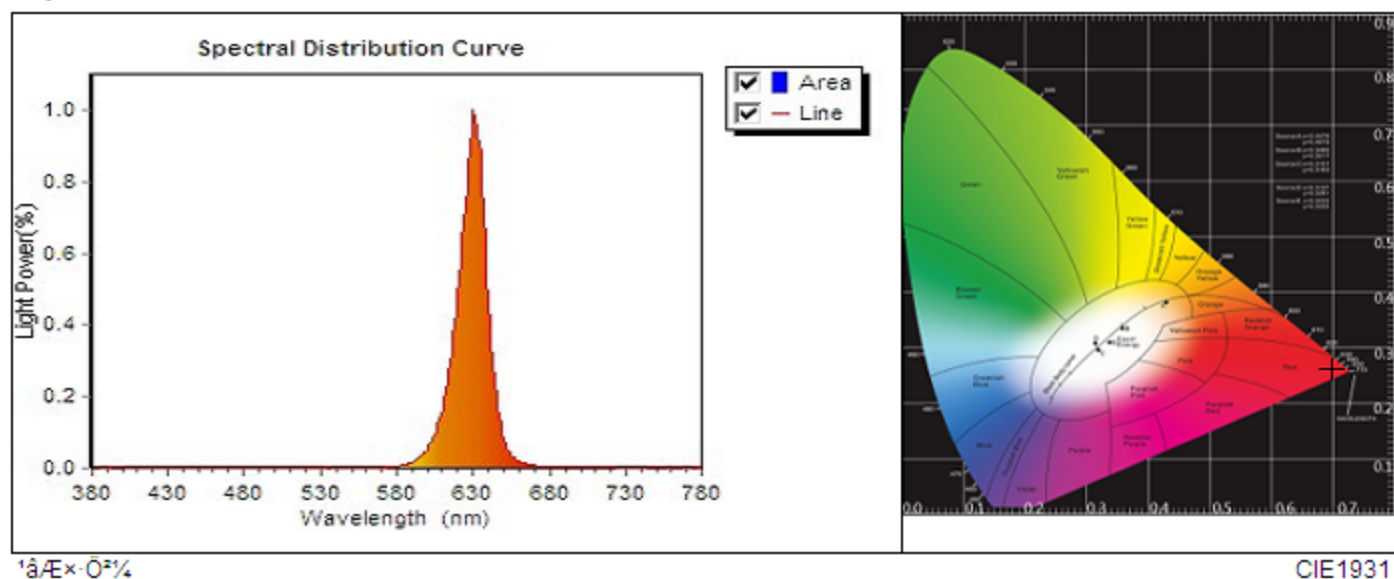
Test date. : 2022-09-28
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 43866 (66.9%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6891$ $y=0.3063$ $u=0.5204$ $v=0.3469$ ($duv=-0.0726$)
Color temperature: $TC=1000$ K Color difference: $SDCM=188.6$ Main Wavelength: $\lambda_d=493.94$ nm Purity: $Purity=0.617$
Peak wavelength: $\lambda_p=631.0$ nm FWHM: $\Delta\lambda_p=18.5$ nm Color ratio: $R=94.98\%$ $G=4.93\%$ $B=0.09\%$

Color rendering index (Ra): $Ra=28.1$

$R1=22.1$ $R2=84.6$ $R3=40.1$ $R4=-2.6$ $R5=22.0$ $R6=93.1$ $R7=14.7$ $R8=-49.8$
 $R9=-185.8$ $R10=81.6$ $R11=15.5$ $R12=67.5$ $R13=51.5$ $R14=66.4$ $R15=-16.5$

Optical Parameter

Luminous flux: 14.683 lm Luminous efficiency: 20.39 lm/w Radiant flux: 0.0742 W

Electrical Parameter

Voltage: 24.0 V Current: 0.030 A Watto: 0.72 W Power factor: 1.000

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