



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LAMPARA MAGNÉTICA
Product No. : LM-12WU18-N-270
Manufacturer : BLED

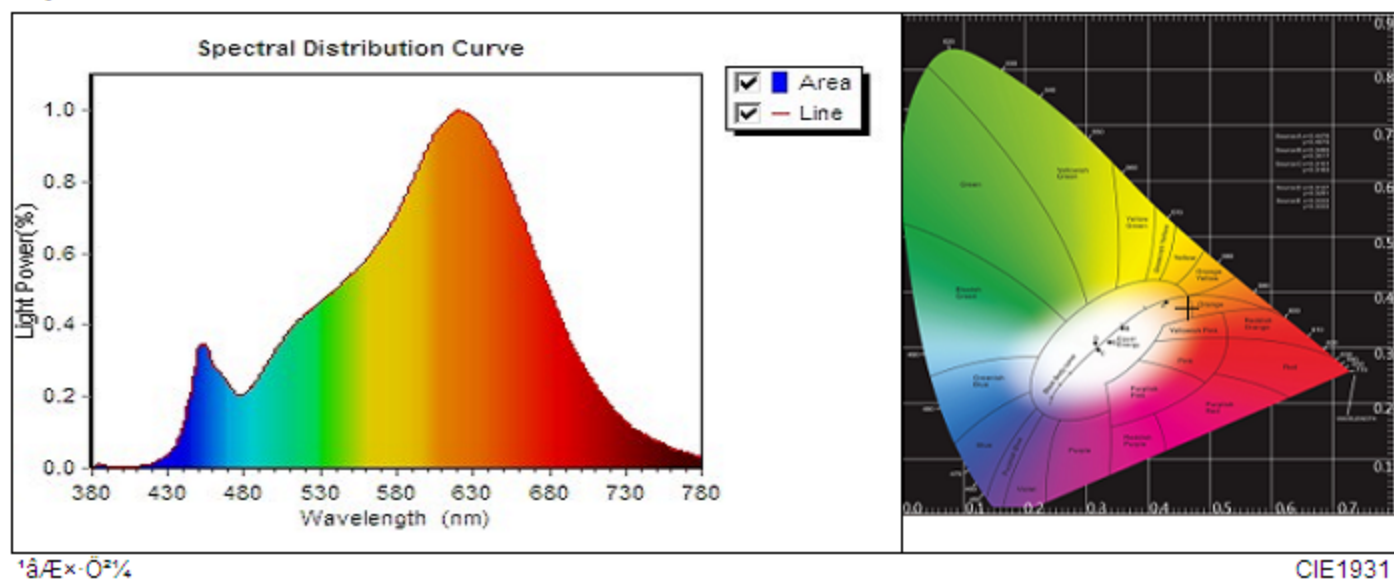
Test date. : 2025-02-11
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44035 (67.2%)
Integral time. : 320ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4571$ $y=0.4082$ $u=0.2618$ $v=0.3507$ ($duv=-0.0007$)
Color temperature: $TC=2720$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=607.05$ nm Purity: $Purity=0.043$
Peak wavelength: $\lambda_p=620.7$ nm FWHM: $\Delta\lambda_p=139.9$ nm Color ratio: $R=28.41\%$ $G=69.18\%$ $B=2.41\%$

Color rendering index (Ra): $Ra=94.2$

$R1=95.5$ $R2=99.1$ $R3=98.0$ $R4=95.3$ $R5=96.0$ $R6=96.8$ $R7=90.8$ $R8=81.8$
 $R9=61.7$ $R10=97.3$ $R11=97.9$ $R12=87.9$ $R13=97.3$ $R14=99.6$ $R15=90.4$

Optical Parameter

Luminous flux: 864.557 lm luminous efficiency: 62.2 lm/w Radiant flux: 3.0511 W

Electrical Parameter

Voltage: 230.1 V Current: 0.111 A Watte: 13.90 W Power factor: 0.545

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