



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LÁMPARA MAGNÉTICA
Product No. : PMR-12WU18-N-270
Manufacturer : BLED

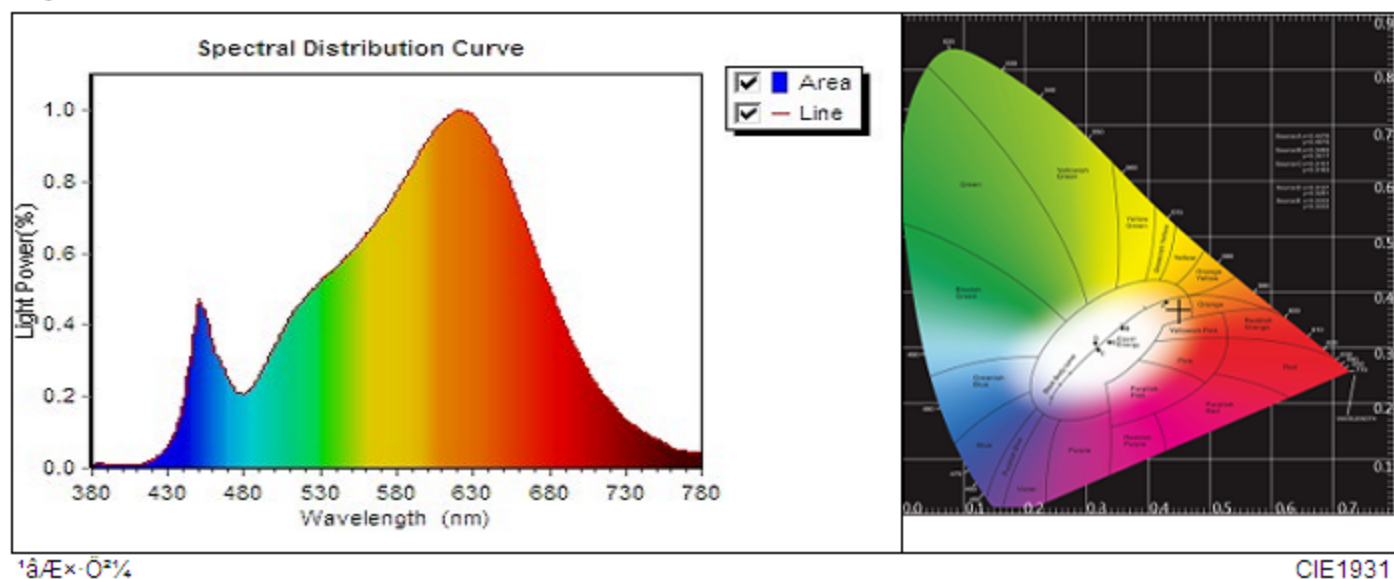
Test date. : 2025-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 38174 (58.2%)
Integral time. : 237ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4437$ $y=0.4040$ $u=0.2550$ $v=0.3482$ ($duv=-0.0009$)
Color temperature: $TC=2889$ K Color difference: $SDCM=2.0$ Main Wavelength: $\lambda_d=478.05$ nm Purity: $Purity=0.011$
Peak wavelength: $\lambda_p=621.2$ nm FWHM: $\Delta\lambda_p=156.0$ nm Color ratio: $R=26.71\%$ $G=70.87\%$ $B=2.42\%$

Color rendering index (Ra): $Ra=93.1$

$R1=93.4$ $R2=96.7$ $R3=98.3$ $R4=93.3$ $R5=93.2$ $R6=95.9$ $R7=91.8$ $R8=81.9$
 $R9=59.8$ $R10=91.4$ $R11=94.4$ $R12=83.1$ $R13=94.7$ $R14=98.5$ $R15=89.3$

Optical Parameter

Luminous flux: 1039.505 lm luminous efficiency: 78.75 lm/w Radiant flux: 3.6261 W

Electrical Parameter

Voltage: 230.2 V Current: 0.106 A Watts: 13.20 W Power factor: 0.537

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