



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LAMPARAMAGNÉTICA
Product No. : LM-12WU18-N-BN
Manufacturer : BLED

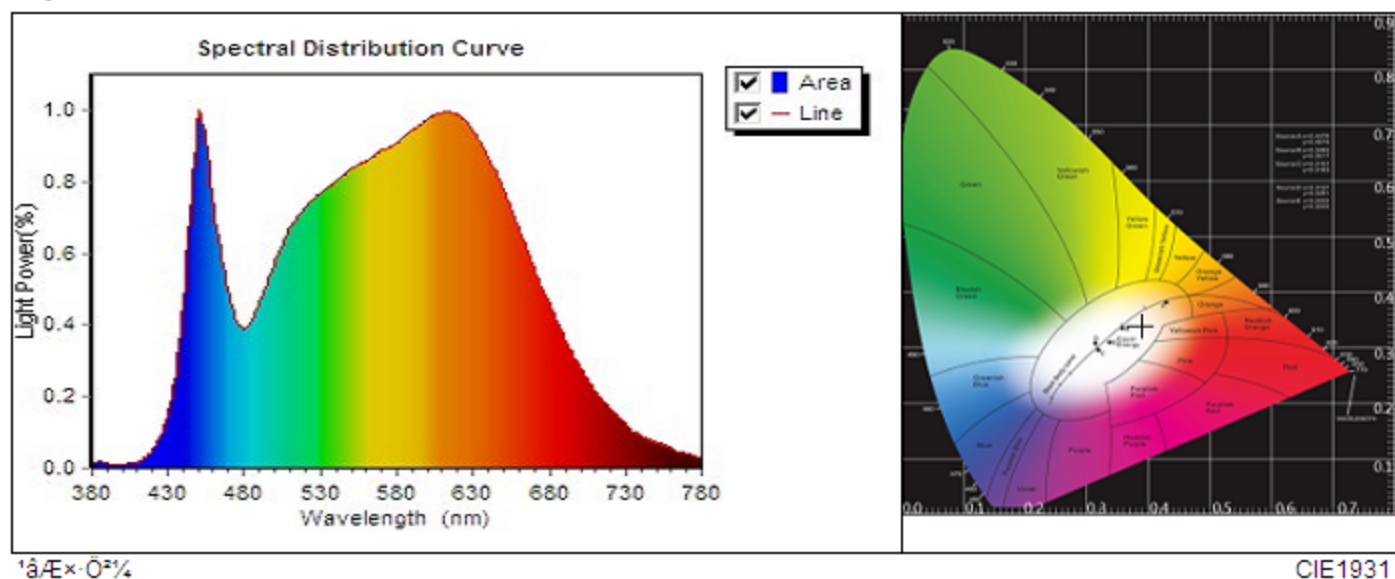
Test date. : 2025-02-11
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54538 (83.2%)
Integral time. : 320ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3833$ $y=0.3782$ $u=0.2264$ $v=0.3351$ ($duv=-0.0001$)
Color temperature: $TC=3934$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\Delta\lambda_p=28.2$ nm Color ratio: $R=21.36\%$ $G=74.95\%$ $B=3.69\%$

Color rendering index (Ra): $Ra=92.8$

$R1=93.1$ $R2=95.6$ $R3=96.3$ $R4=93.0$ $R5=92.3$ $R6=92.8$ $R7=94.0$ $R8=85.2$
 $R9=62.5$ $R10=88.4$ $R11=93.1$ $R12=74.0$ $R13=94.1$ $R14=97.7$ $R15=90.4$

Optical Parameter

Luminous flux: 1185.12 lm luminous efficiency: 62.7 lm/w Radiant flux: 4.012 W

Electrical Parameter

Voltage: 230.0 V Current: 0.149 A Watts: 18.90 W Power factor: 0.549

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