



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LAMPARAMAGNÉTICA
Product No. : LM-18WU18-N-BN
Manufacturer : BLED

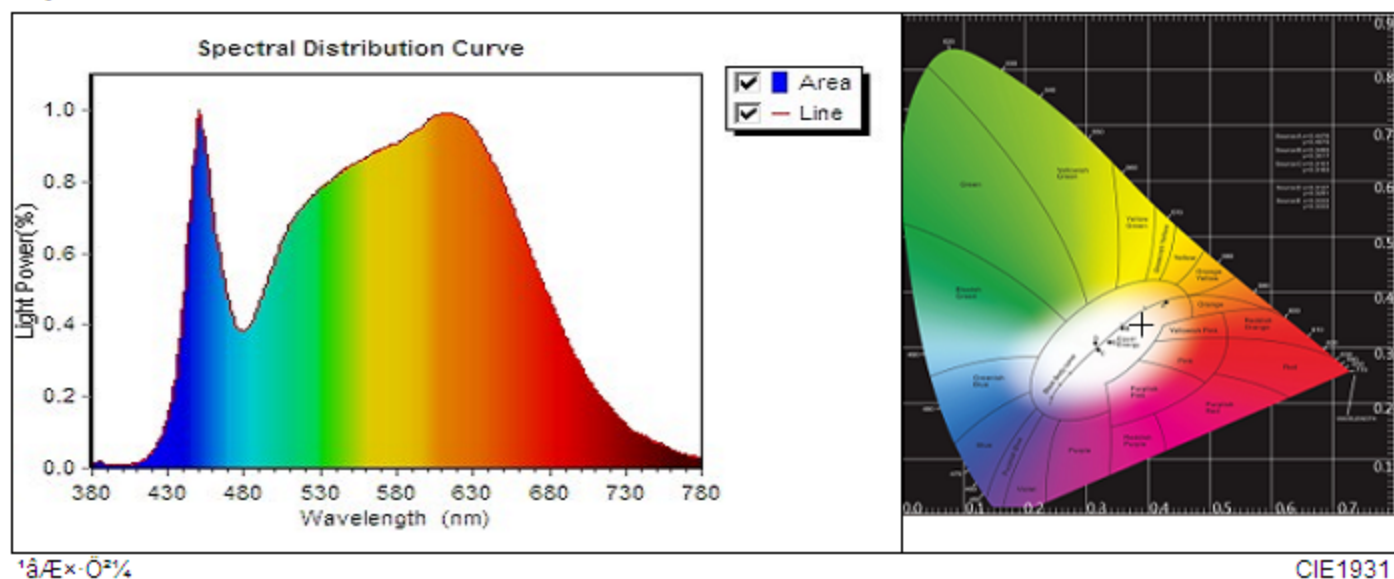
Test date. : 2025-02-11
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51848 (79.1%)
Integral time. : 250ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3838$ $y=0.3808$ $u=0.2257$ $v=0.3359$ ($duv=0.0009$)
Color temperature: $TC=3939$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=485.07$ nm Purity: $Purity=0.16$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=27.4$ nm Color ratio: $R=21.27\%$ $G=75.11\%$ $B=3.62\%$

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

$R1=92.9$ $R2=95.1$ $R3=95.7$ $R4=93.2$ $R5=92.1$ $R6=92.3$ $R7=94.7$ $R8=86.0$
 $R9=63.7$ $R10=87.3$ $R11=93.2$ $R12=73.2$ $R13=93.8$ $R14=97.3$ $R15=90.3$

Optical Parameter

Luminous flux: 1443.76 lm luminous efficiency: 69.75 lm/w Radiant flux: 4.8841 W

Electrical Parameter

Voltage: 230.0 V Current: 0.158 A Watts: 20.70 W Power factor: 0.567

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