



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LÁMPARA MAGNÉTICA
Product No. : PMS-9WU18-N-BN
Manufacturer : BLED

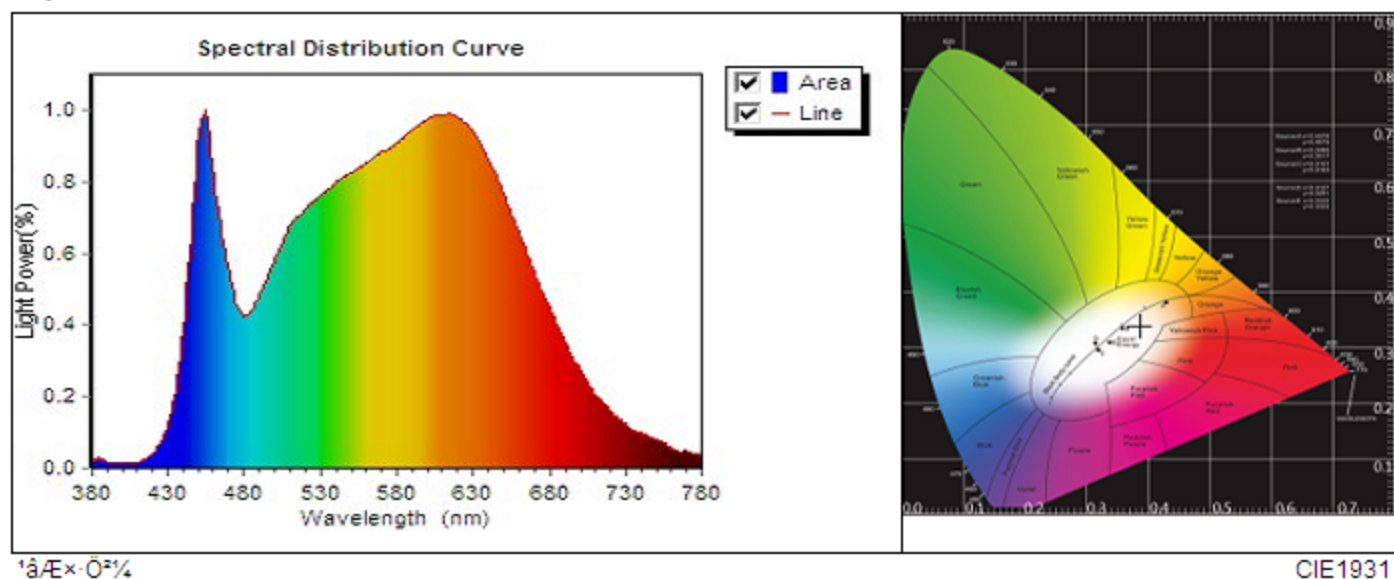
Test date. : 2025-03-12
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 31153 (47.5%)
Integral time. : 237ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3824$ $y=0.3784$ $u=0.2258$ $v=0.3351$ ($duv=0.0002$)
Color temperature: $TC=3959$ K Color difference: $SDCM=2.2$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.164$
Peak wavelength: $\lambda_p=453.6$ nm FWHM: $\Delta\lambda_p=29.8$ nm Color ratio: $R=21.31\%$ $G=74.80\%$ $B=3.90\%$

Color rendering index (Ra): $Ra=93.2$

$R1=93.5$ $R2=96.8$ $R3=97.9$ $R4=92.5$ $R5=92.5$ $R6=94.1$ $R7=93.3$ $R8=84.7$
 $R9=62.8$ $R10=91.0$ $R11=93.1$ $R12=73.3$ $R13=95.0$ $R14=98.7$ $R15=90.5$

Optical Parameter

Luminous flux: 893.797 lm Luminous efficiency: 91.2 lm/w Radiant flux: 3.0272 W

Electrical Parameter

Voltage: 230.2 V Current: 0.081 A Watts: 9.80 W Power factor: 0.522

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