



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-18WU18-N-BN
Manufacturer : BLED

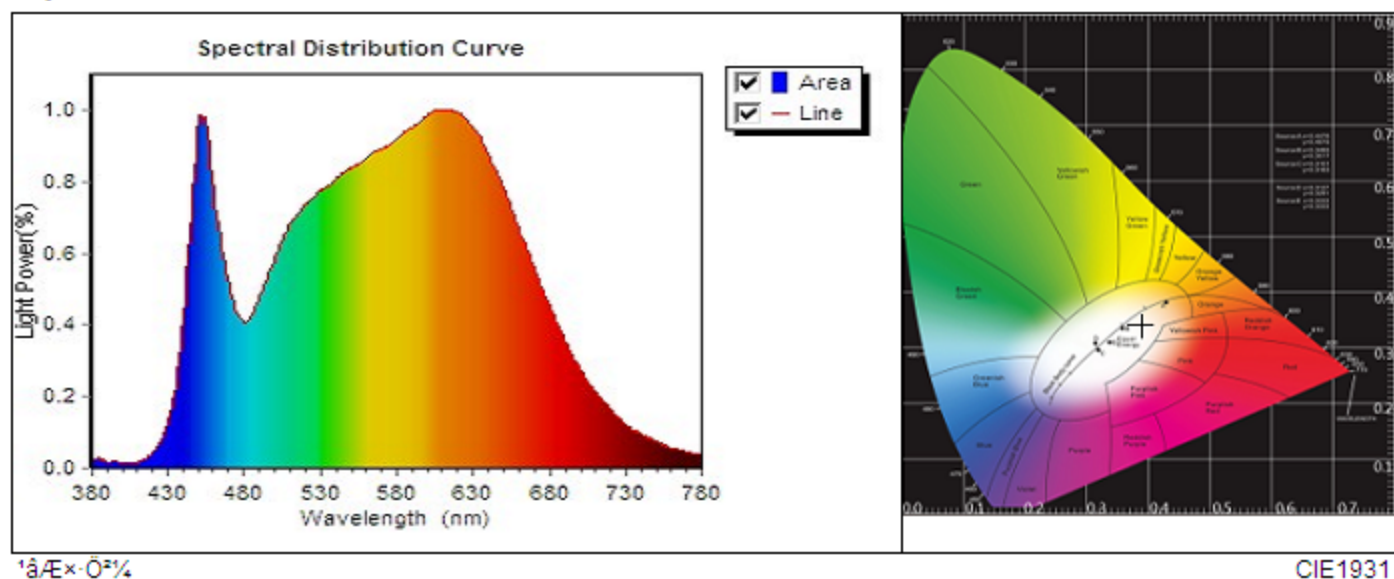
Test date. : 2025-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 55390 (84.5%)
Integral time. : 248ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3834$ $y=0.3793$ $u=0.2261$ $v=0.3354$ ($duv=0.0003$)
Color temperature: $TC=3939$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=610.2$ nm FWHM: $\Delta\lambda_p=183.8$ nm Color ratio: $R=21.34\%$ $G=74.89\%$ $B=3.77\%$

Color rendering index (Ra): $Ra=93$

$R1=93.2$ $R2=96.1$ $R3=97.2$ $R4=92.8$ $R5=92.4$ $R6=93.4$ $R7=93.7$ $R8=84.9$
 $R9=62.4$ $R10=89.6$ $R11=93.2$ $R12=73.4$ $R13=94.5$ $R14=98.2$ $R15=90.3$

Optical Parameter

Luminous flux: 1572.627 lm luminous efficiency: 76.34 lm/w Radiant flux: 5.3166 W

Electrical Parameter

Voltage: 230.0 V Current: 0.158 A Watts: 20.60 W Power factor: 0.565

MEASUREFINE

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