



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. : PMR-18WU18-N-270
Manufacturer : BLED

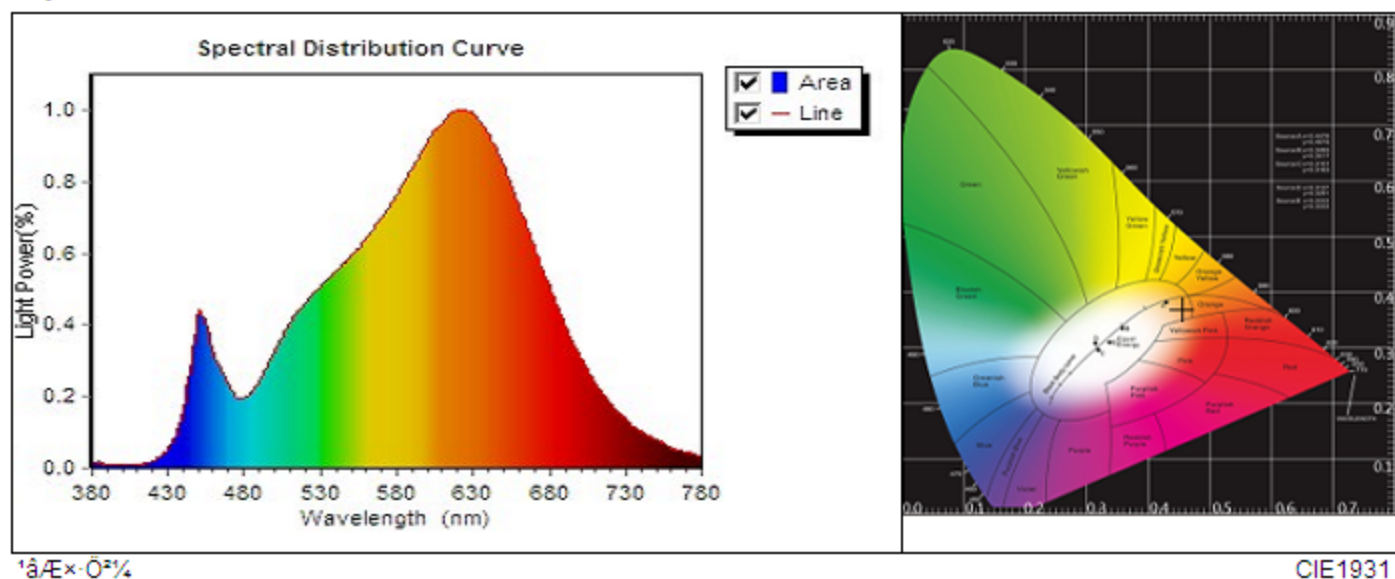
Test date. : 2025-03-12
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52016 (79.4%)
Integral time. : 237ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4486$ $y=0.4062$ $u=0.2571$ $v=0.3493$ ($duv=-0.0006$)
Color temperature: $TC=2831$ K Color difference: $SDCM=4.6$ Main Wavelength: $\lambda_d=505.93$ nm Purity: $Purity=0.003$
Peak wavelength: $\lambda_p=621.7$ nm FWHM: $\Delta\lambda_p=152.8$ nm Color ratio: $R=27.12\%$ $G=70.58\%$ $B=2.31\%$

Color rendering index (Ra): $Ra=92.9$

$R1=93.1$ $R2=96.5$ $R3=98.2$ $R4=93.1$ $R5=92.9$ $R6=95.8$ $R7=91.7$ $R8=81.5$
 $R9=59.1$ $R10=90.9$ $R11=94.2$ $R12=82.8$ $R13=94.4$ $R14=98.4$ $R15=89.0$

Optical Parameter

Luminous flux: 1425.204 lm luminous efficiency: 68.85 lm/w Radiant flux: 4.9714 W

Electrical Parameter

Voltage: 230.0 V Current: 0.159 A Watts: 20.70 W Power factor: 0.566

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