



Spectral test report for lamp

Product type : LÁMPARA MAGNÉTICA
Product No. : PMS-18W-N-270
Manufacturer : BLED

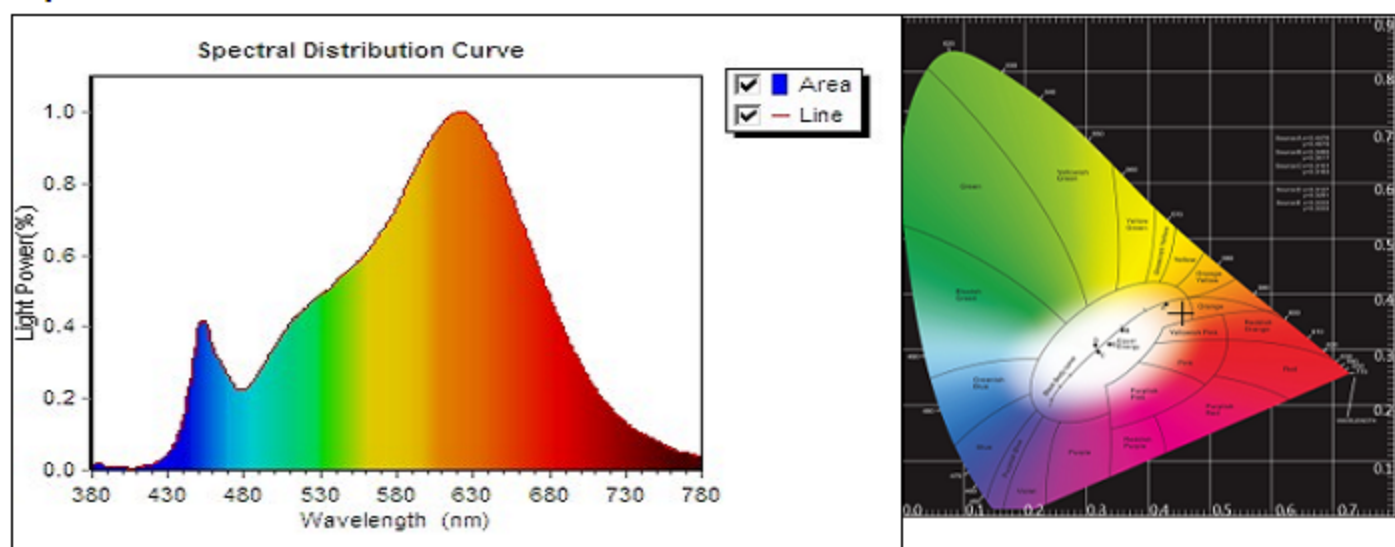
Test date. : 2025-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37013 (56.5%)
Integral time. : 248ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4479$ $y=0.4031$ $u=0.2581$ $v=0.3484$ ($duv=-0.0017$)
Color temperature: $TC=2816$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=490.04$ nm Purity: $Purity=0.01$
Peak wavelength: $\lambda_p=622.3$ nm FWHM: $\lambda_p=145.4$ nm Color ratio: $R=27.61\%$ $G=69.81\%$ $B=2.57\%$

Color rendering index (Ra): $Ra=94$

$R1=95.4$ $R2=99.0$ $R3=97.8$ $R4=94.9$ $R5=95.8$ $R6=96.6$ $R7=90.7$ $R8=81.9$
 $R9=62.0$ $R10=97.1$ $R11=96.9$ $R12=86.8$ $R13=97.2$ $R14=99.6$ $R15=90.7$

Optical Parameter

Luminous flux: 940.281 lm luminous efficiency: 44.78 lm/w Radiant flux: 3.3098 W

Electrical Parameter

Voltage: 230.0 V Current: 0.162 A Wate: 21.00 W Power factor: 0.561

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