



Spectral test report for lamp

Product type : LAMPARA MAGNÉTICA
Product No. : LM-18WU18-N-270
Manufacturer : BLED

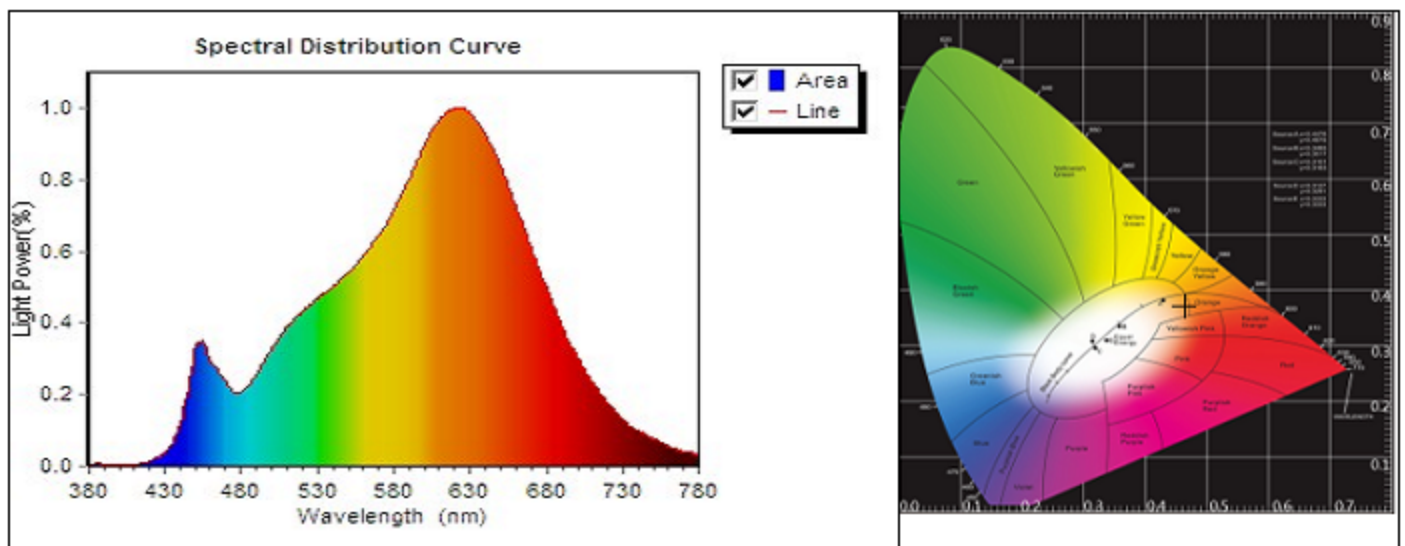
Test date. : 2025-02-11
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48885 (74.6%)
Integral time. : 250ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4573$ $y=0.4083$ $u=0.2619$ $v=0.3507$ ($duv=-0.0007$)

Color temperature: $TC=2718$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=606.04$ nm Purity: $Purity=0.045$

Peak wavelength: $\lambda_p=622.8$ nm FWHM: $\lambda_p=140.2$ nm Color ratio: $R=28.41\%$ $G=69.18\%$ $B=2.41\%$

Color rendering index (Ra): $Ra=94.2$

$R1=95.5$ $R2=99.1$ $R3=97.9$ $R4=95.3$ $R5=95.9$ $R6=96.8$ $R7=90.8$ $R8=81.8$

$R9=61.7$ $R10=97.2$ $R11=97.8$ $R12=87.7$ $R13=97.3$ $R14=99.6$ $R15=90.4$

Optical Parameter

Luminous flux: 1234.129 lm luminous efficiency: 59.91 lm/w Radiant flux: 4.3549 W

Electrical Parameter

Voltage: 230.0 V Current: 0.161 A Wate: 20.60 W Power factor: 0.555

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