



Spectral test report for lamp

Product type : COLGANTE MAGNÉTICO
Product No. : LCM-8W-N-BN
Manufacturer : BLED

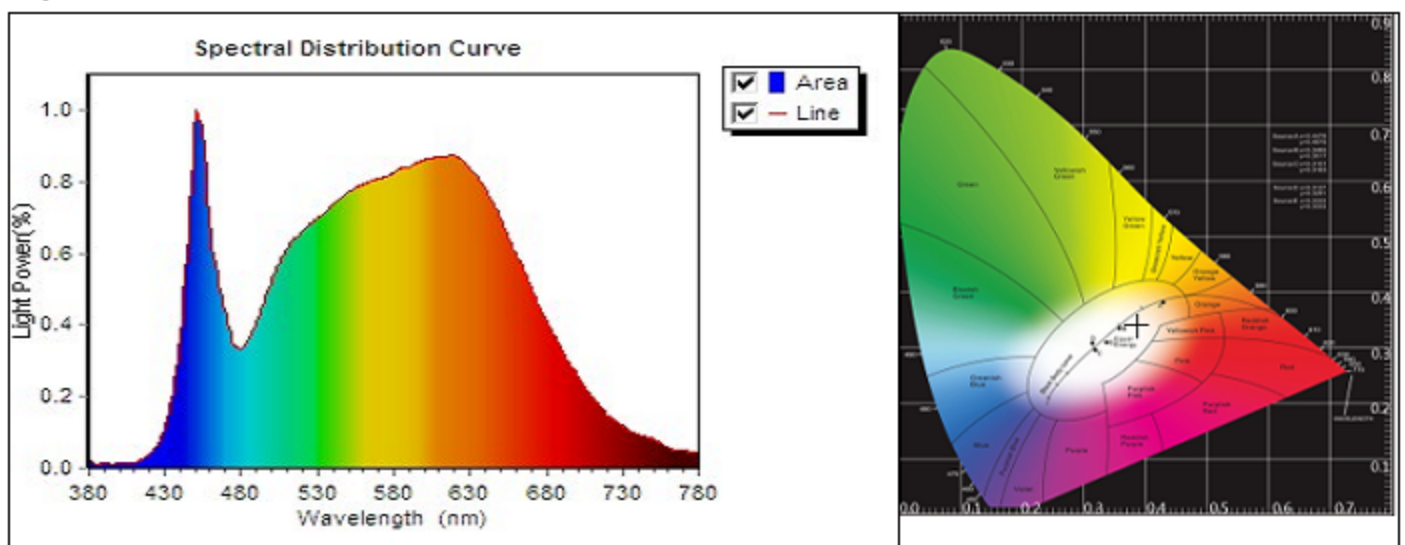
Test date. : 2025-03-21
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51076 (77.9%)
Integral time. : 516ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3812$ $y=0.3796$ $u=0.2245$ $v=0.3353$ ($duv=0.0011$)

Color temperature: $TC=4001$ K Color difference: $SDCM=0.9$ Main Wavelength: $\lambda_d=485.07$ nm Purity: $Purity=0.167$

Peak wavelength: $\lambda_p=451.9$ nm FWHM: $\lambda_p=22.4$ nm Color ratio: $R=20.86\%$ $G=75.50\%$ $B=3.64\%$

Color rendering index (Ra): $Ra=91.9$

$R1=91.7$ $R2=94.4$ $R3=95.6$ $R4=91.9$ $R5=90.8$ $R6=91.2$ $R7=94.3$ $R8=84.8$

$R9=60.8$ $R10=85.9$ $R11=91.7$ $R12=69.9$ $R13=92.7$ $R14=97.3$ $R15=89.2$

Optical Parameter

Luminous flux: 656.245 lm luminous efficiency: 97.95 lm/w Radiant flux: 2.2194 W

Electrical Parameter

Voltage: 230.3 V Current: 0.058 A Wate: 6.70 W Power factor: 0.502

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