



Spectral test report for lamp

Product type : MAGNETIC LED Track
Product No. : PML-12WU18-N-280
Manufacturer : BLED

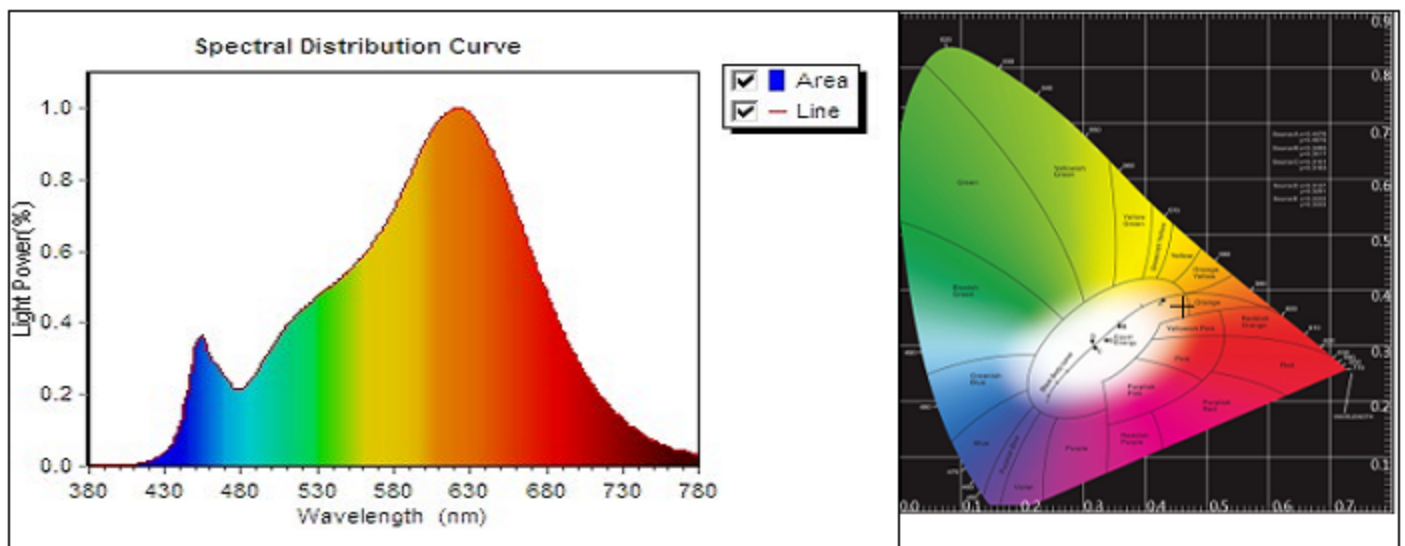
Test date. : 2024-08-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57310 (87.4%)
Integral time. : 387ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4550$ $y=0.4073$ $u=0.2608$ $v=0.3502$ ($duv=-0.0008$)

Color temperature: $TC=2743$ K Color difference: $SDCM=5.8$ Main Wavelength: $\lambda_d=490.03$ nm Purity: $Purity=0.018$

Peak wavelength: $\lambda_p=622.1$ nm FWHM: $\lambda_p=141.2$ nm Color ratio: $R=28.23\%$ $G=69.30\%$ $B=2.47\%$

Color rendering index (Ra): $Ra=94.1$

$R1=95.6$ $R2=99.2$ $R3=97.7$ $R4=95.2$ $R5=96.0$ $R6=96.6$ $R7=90.7$ $R8=81.6$

$R9=61.4$ $R10=97.5$ $R11=97.8$ $R12=87.5$ $R13=97.4$ $R14=99.6$ $R15=90.4$

Optical Parameter

Luminous flux: 907.101 lm luminous efficiency: 72.57 lm/w Radiant flux: 3.1864 W

Electrical Parameter

Voltage: 230.1 V Current: 0.103 A Wate: 12.50 W Power factor: 0.527

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