



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

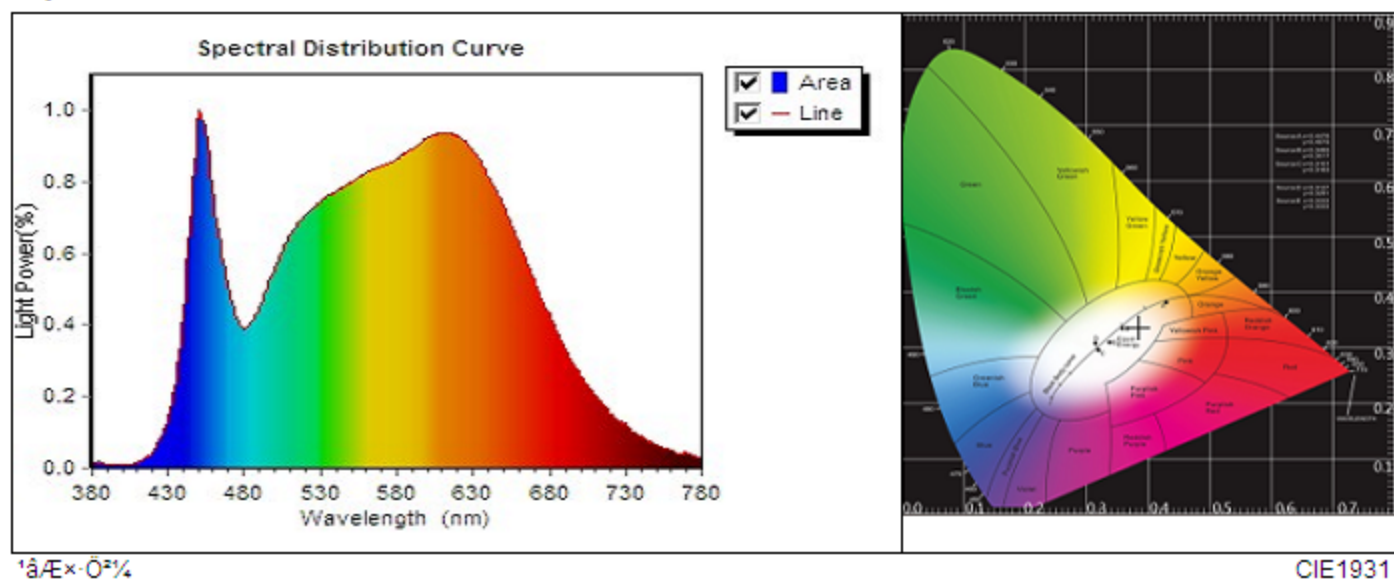
Test date. : 2024-08-13
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 55335 (84.4%)
Integral time. : 387ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3788$ $y=0.3756$ $u=0.2245$ $v=0.3339$ ($duv=-0.0001$)
Color temperature: $TC=4038$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.174$
Peak wavelength: $\lambda_p=451.7$ nm FWHM: $\Delta\lambda_p=27.7$ nm Color ratio: $R=21.05\%$ $G=75.11\%$ $B=3.85\%$

Color rendering index (Ra): $Ra=93$

$R1=93.3$ $R2=95.9$ $R3=96.5$ $R4=93.1$ $R5=92.5$ $R6=93.0$ $R7=94.1$ $R8=85.6$
 $R9=63.5$ $R10=89.0$ $R11=93.2$ $R12=72.9$ $R13=94.5$ $R14=97.8$ $R15=90.8$

Optical Parameter

Luminous flux: 966.129 lm luminous efficiency: 79.19 lm/w Radiant flux: 3.2723 W

Electrical Parameter

Voltage: 230.1 V Current: 0.099 A Watts: 12.20 W Power factor: 0.536

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