



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : PML-12WU18-CCT-DALI-N
Manufacturer : BLED

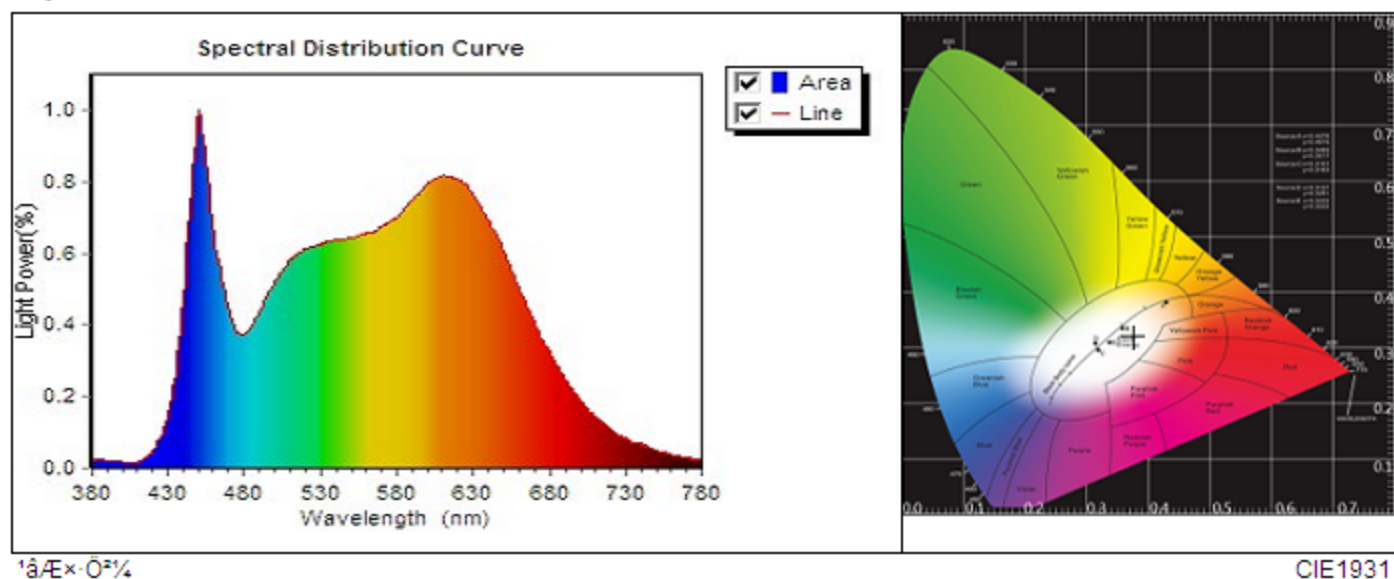
Test date. : 2024-05-10
Test equipment: SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 32493 (49.6%)
Integral time. : 238ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3696$ $y=0.3601$ $u=0.2246$ $v=0.3283$ ($duv=-0.0047$)
Color temperature: $TC=4193$ K Color difference: $SDCM=7.5$ Main Wavelength: $\lambda_d=482.05$ nm Purity: $Purity=0.206$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=26.5$ nm Color ratio: $R=21.62\%$ $G=74.05\%$ $B=4.34\%$

Color rendering index (Ra): $Ra=96.3$

$R1=97.9$ $R2=98.5$ $R3=98.0$ $R4=97.9$ $R5=98.0$ $R6=95.0$ $R7=94.3$ $R8=90.1$
 $R9=76.6$ $R10=97.5$ $R11=96.4$ $R12=80.4$ $R13=98.7$ $R14=98.7$ $R15=97.0$

Optical Parameter

Luminous flux: 846.751 lm luminous efficiency: 71.46 lm/w Radiant flux: 2.9291 W

Electrical Parameter

Voltage: 48.0 V Current: 0.247 A Watto: 11.85 W Power factor: 1.000

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