



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : LED MAGNETIC RAIL LAMP
Product No. : PML-18WU18-CCT-DALI-N
Manufacturer : BLED

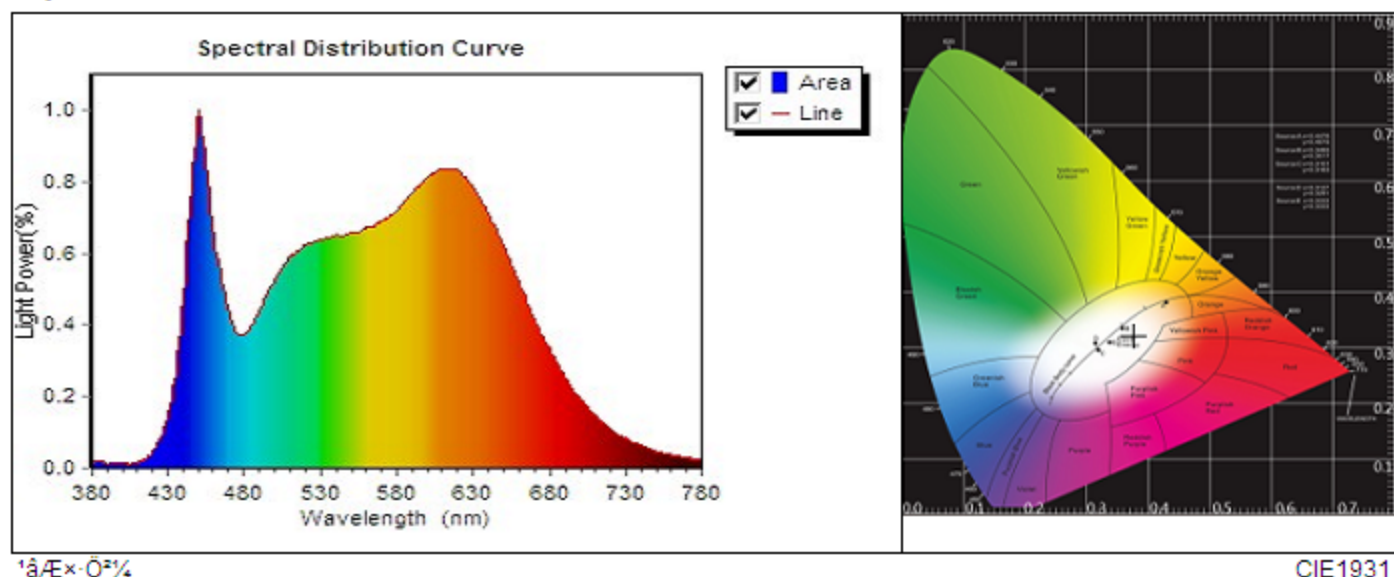
Test date. : 2024-05-10
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 52021 (79.4%)
Integral time. : 238ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3718$ $y=0.3623$ $u=0.2252$ $v=0.3291$ ($duv=-0.0043$)
Color temperature: $TC=4144$ K Color difference: $SDCM=6.8$ Main Wavelength: $\lambda_d=482.07$ nm Purity: $Purity=0.199$
Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\Delta\lambda_p=25.6$ nm Color ratio: $R=21.69\%$ $G=74.05\%$ $B=4.26\%$

Color rendering index (Ra): $Ra=96.2$

$R1=97.9$ $R2=98.6$ $R3=98.0$ $R4=97.7$ $R5=97.9$ $R6=95.1$ $R7=94.2$ $R8=89.6$
 $R9=75.3$ $R10=97.2$ $R11=96.4$ $R12=80.6$ $R13=98.8$ $R14=98.7$ $R15=96.4$

Optical Parameter

Luminous flux: 1431.48 lm luminous efficiency: 73.64 lm/w Radiant flux: 4.9248 W

Electrical Parameter

Voltage: 48.0 V Current: 0.405 A Watto: 19.44 W Power factor: 1.000

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