



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LÁMPARA RAIL
Product No. : PML-18W-CCT-DALI-N
Manufacturer : BLED

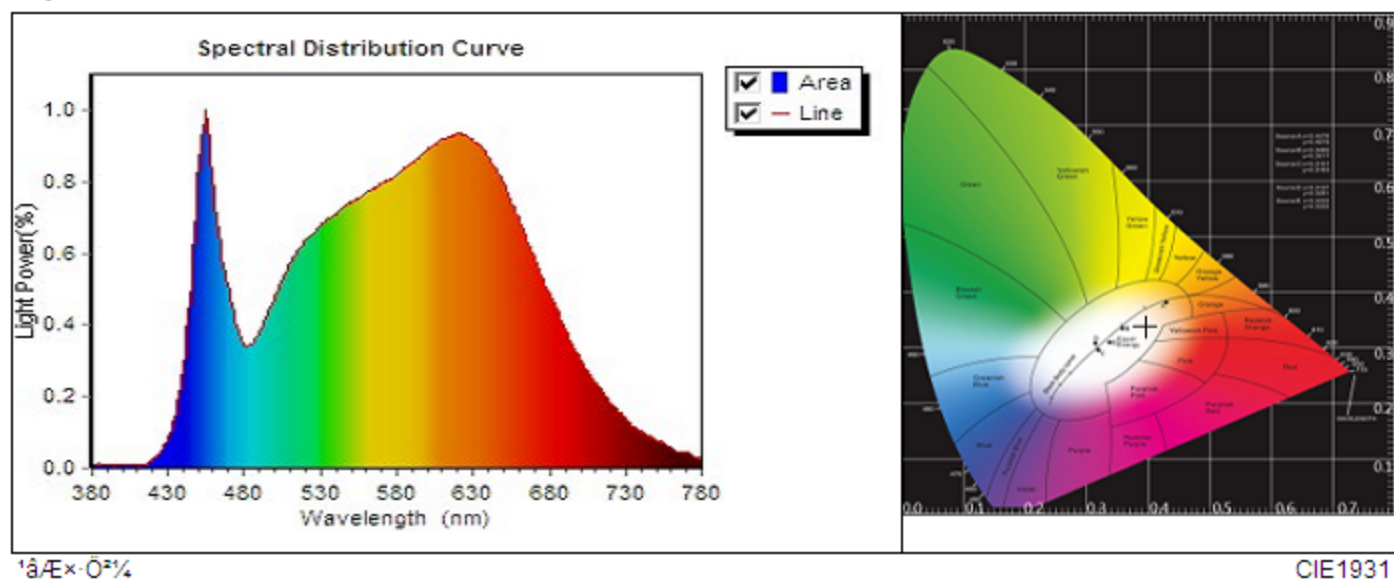
Test date. : 2024-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51523 (78.6%)
Integral time. : 653ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3906$ $y=0.3780$ $u=0.2313$ $v=0.3357$ ($duv=-0.0023$)
Color temperature: $TC=3742$ K Color difference: $SDCM=7.4$ Main Wavelength: $\lambda_d=483.05$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=454.4$ nm FWHM: $\Delta\lambda_p=25.4$ nm Color ratio: $R=22.44\%$ $G=73.91\%$ $B=3.64\%$

Color rendering index (Ra): $Ra=94.7$

$R1=95.7$ $R2=97.7$ $R3=96.9$ $R4=94.3$ $R5=94.4$ $R6=94.3$ $R7=94.6$ $R8=89.2$
 $R9=75.0$ $R10=92.6$ $R11=94.2$ $R12=73.0$ $R13=96.9$ $R14=97.8$ $R15=94.3$

Optical Parameter

Luminous flux: 517.765 lm luminous efficiency: 23.53 lm/w Radiant flux: 1.8082 W

Electrical Parameter

Voltage: 230.0 V Current: 0.171 A Watts: 22.00 W Power factor: 0.557

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