



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LÁMPARA RAIL
Product No. : LM-436U18-CCT-DALI-N
Manufacturer : BLED

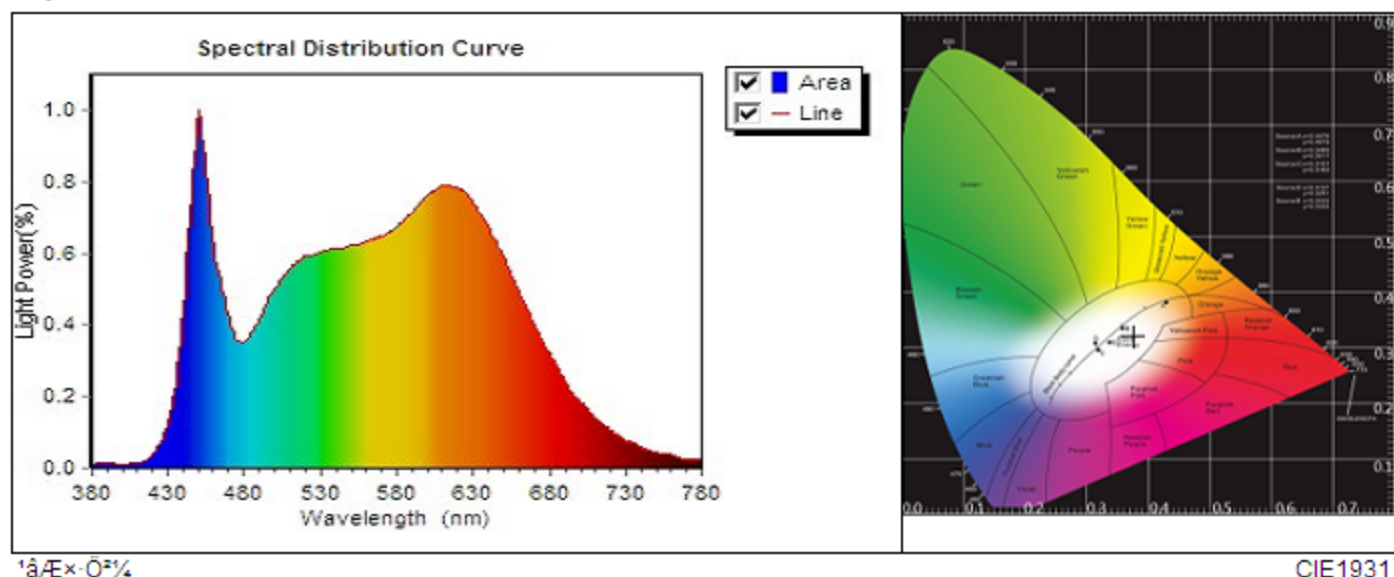
Test date. : 2024-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 32638 (49.8%)
Integral time. : 134ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3702$ $y=0.3607$ $u=0.2248$ $v=0.3285$ ($duv=-0.0046$)
Color temperature: $TC=4181$ K Color difference: $SDCM=7.3$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.204$
Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\Delta\lambda_p=24.1$ nm Color ratio: $R=21.69\%$ $G=73.99\%$ $B=4.32\%$

Color rendering index (Ra): $Ra=96.4$

$R1=98.0$ $R2=98.6$ $R3=97.9$ $R4=98.0$ $R5=98.1$ $R6=95.0$ $R7=94.6$ $R8=90.8$
 $R9=78.3$ $R10=97.6$ $R11=96.2$ $R12=79.8$ $R13=98.7$ $R14=98.6$ $R15=97.3$

Optical Parameter

Luminous flux: 1508.559 lm luminous efficiency: 69.2 lm/w Radiant flux: 5.2129 W

Electrical Parameter

Voltage: 230.0 V Current: 0.170 A Watts: 21.80 W Power factor: 0.556

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