



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

Spectral test report for lamp

Product type : LÁMPARA RAIL
Product No. : LCM-5W-CCT-DALI-N
Manufacturer : BLED

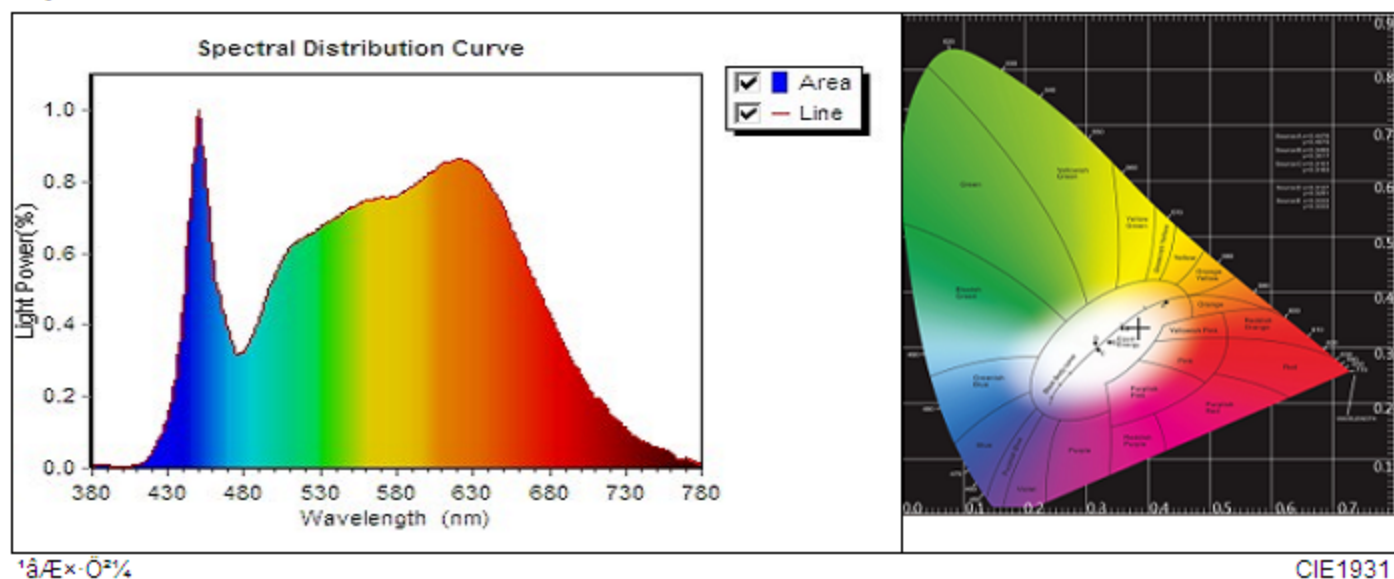
Test date. : 2024-05-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 43894 (67.0%)
Integral time. : 794ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3799$ $y=0.3745$ $u=0.2256$ $v=0.3337$ ($duv=-0.0009$)
Color temperature: $TC=4000$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.173$
Peak wavelength: $\lambda_p=450.1$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=21.49\%$ $G=74.76\%$ $B=3.75\%$

Color rendering index (Ra): $Ra=95.1$

$R1=96.0$ $R2=96.4$ $R3=95.2$ $R4=95.9$ $R5=95.3$ $R6=93.8$ $R7=96.1$ $R8=91.3$
 $R9=77.0$ $R10=90.6$ $R11=95.7$ $R12=77.1$ $R13=96.3$ $R14=97.0$ $R15=94.6$

Optical Parameter

Luminous flux: 360.593 lm luminous efficiency: 53.82 lm/w Radiant flux: 1.2459 W

Electrical Parameter

Voltage: 230.4 V Current: 0.059 A Watte: 6.70 W Power factor: 0.489

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