



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

Spectral test report for lamp

Product type : FOCO EMPOTRABLE
Product No. : B2054-B-270
Manufacturer : BLED

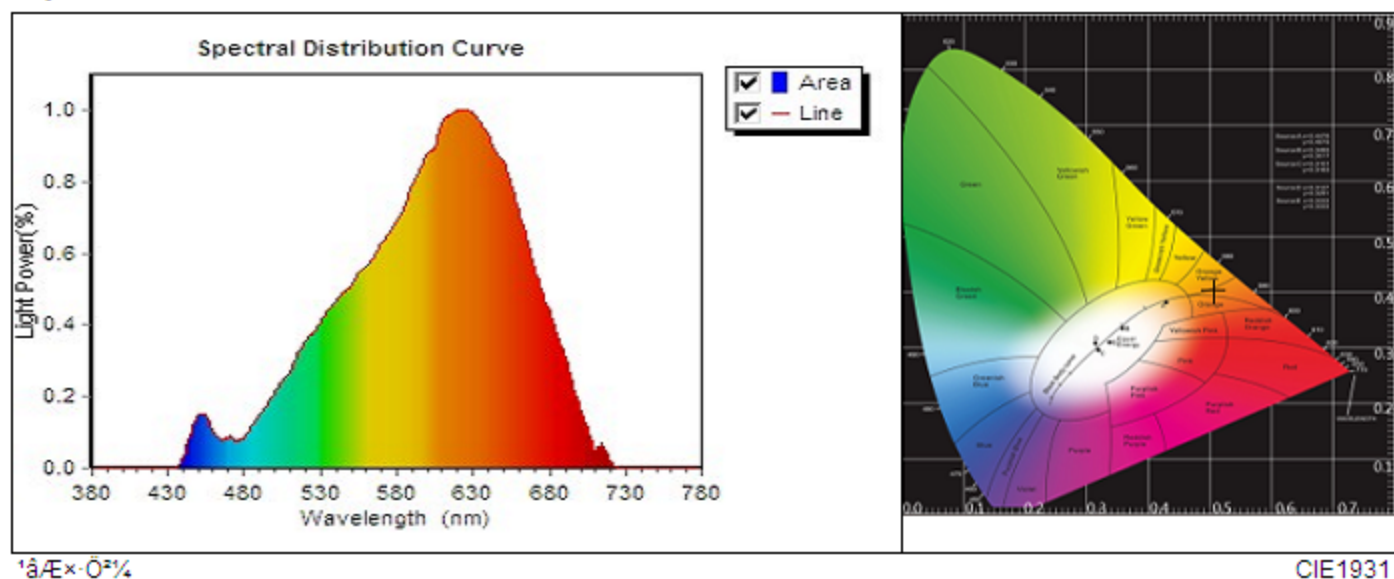
Test date. : 2024-12-23
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48882 (74.6%)
Integral time. : 2377ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4987$ $y=0.4369$ $u=0.2753$ $v=0.3618$ ($duv=0.0069$)
Color temperature: $TC=2417$ K Color difference: $SDCM=20.3$ Main Wavelength: $\lambda_d=585.07$ nm Purity: $Purity=0.531$
Peak wavelength: $\lambda_p=623.3$ nm FWHM: $\Delta\lambda_p=126.9$ nm Color ratio: $R=30.10\%$ $G=68.66\%$ $B=1.24\%$

Color rendering index (Ra): $Ra=88.3$

$R1=87.7$ $R2=91.6$ $R3=94.4$ $R4=88.9$ $R5=86.2$ $R6=90.3$ $R7=91.7$ $R8=74.9$
 $R9=41.9$ $R10=79.6$ $R11=88.7$ $R12=71.5$ $R13=88.6$ $R14=95.7$ $R15=81.3$

Optical Parameter

Luminous flux: 79.066 lm Luminous efficiency: 37.65 lm/w Radiant flux: 0.2509 W

Electrical Parameter

Voltage: 220.5 V Current: 0.019 A Watts: 2.10 W Power factor: 0.496

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