



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : FOCO MONOFÁSICO
Product No. : BPM-36W-TRIAC-CCT-N (BF)
Manufacturer : BLED

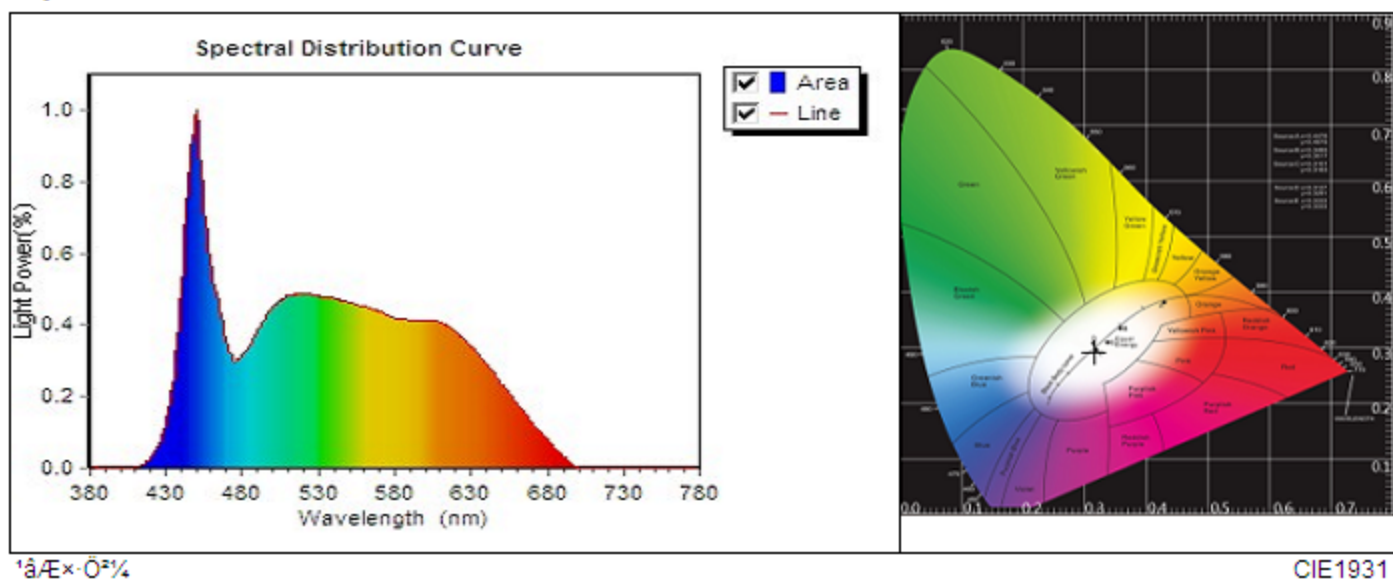
Test date. : 2025-03-21
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51888 (79.2%)
Integral time. : 67ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3119$ $y=0.3350$ $u=0.1950$ $v=0.3143$ ($duv=0.0066$)
Color temperature: $TC=6504$ K Color difference: $SDCM=1.0$ Main Wavelength: $\lambda_d=483.09$ nm Purity: $Purity=0.35$
Peak wavelength: $\lambda_p=449.2$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=15.65\%$ $G=78.55\%$ $B=5.80\%$

Color rendering index (Ra): $Ra=91.2$

$R1=90.5$ $R2=93.5$ $R3=95.8$ $R4=92.0$ $R5=90.8$ $R6=90.9$ $R7=93.5$ $R8=82.2$
 $R9=45.4$ $R10=85.0$ $R11=92.4$ $R12=71.4$ $R13=92.1$ $R14=98.0$ $R15=86.5$

Optical Parameter

Luminous flux: 3330.308 lm luminous efficiency: 91.49 lm/w Radiant flux: 10.8244 W

Electrical Parameter

Voltage: 230.7 V Current: 0.165 A Watts: 36.40 W Power factor: 0.952

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