



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : FOCO TRIFÁSICO
Product No. : BPT-10W-CCT-N (BF)
Manufacturer : BLED

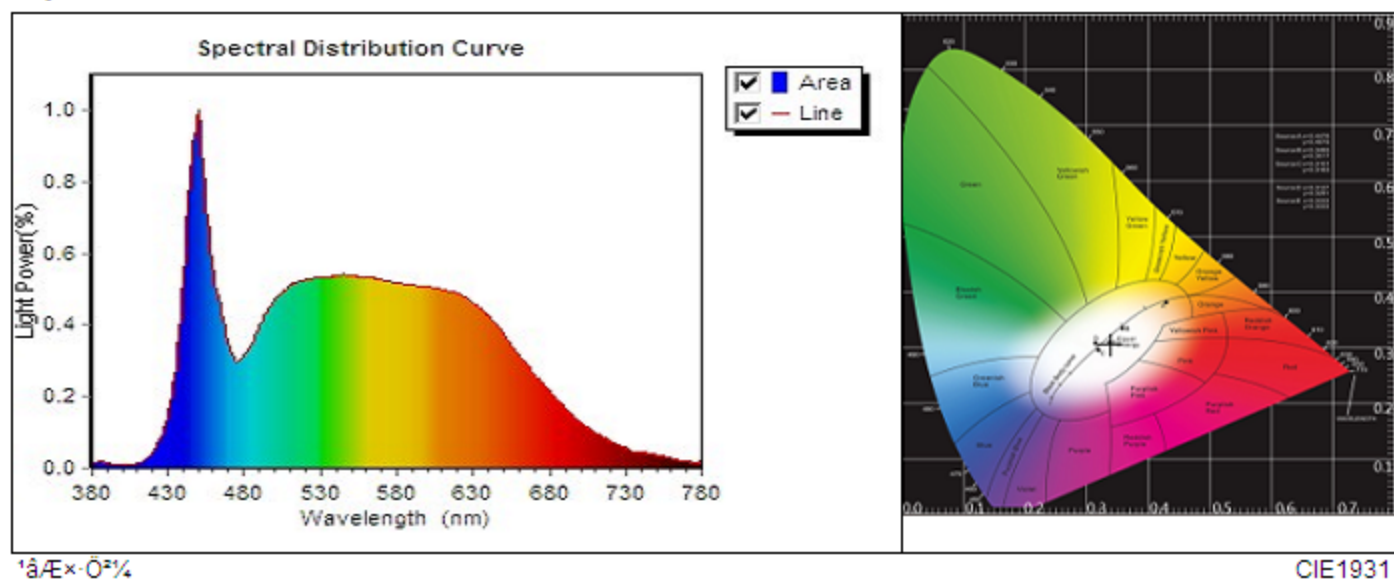
Test date. : 2025-03-21
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52592 (80.3%)
Integral time. : 261ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3334$ $y=0.3473$ $u=0.2051$ $v=0.3205$ ($duv=0.0028$)
Color temperature: $TC=5462$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=483.08$ nm Purity: $Purity=0.294$
Peak wavelength: $\lambda_p=449.1$ nm FWHM: $\Delta\lambda_p=22.5$ nm Color ratio: $R=17.39\%$ $G=77.58\%$ $B=5.03\%$

Color rendering index (Ra): $Ra=92.6$

$R1=93.1$ $R2=94.3$ $R3=94.4$ $R4=93.2$ $R5=93.3$ $R6=91.3$ $R7=93.7$ $R8=87.3$
 $R9=63.9$ $R10=86.4$ $R11=93.6$ $R12=77.0$ $R13=93.7$ $R14=97.0$ $R15=91.1$

Optical Parameter

Luminous flux: 1002.312 lm luminous efficiency: 95.46 lm/w Radiant flux: 3.4566 W

Electrical Parameter

Voltage: 230.5 V Current: 0.047 A Watts: 10.50 W Power factor: 0.954

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