



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA
Product No. : B548-BN
Manufacturer : BLED

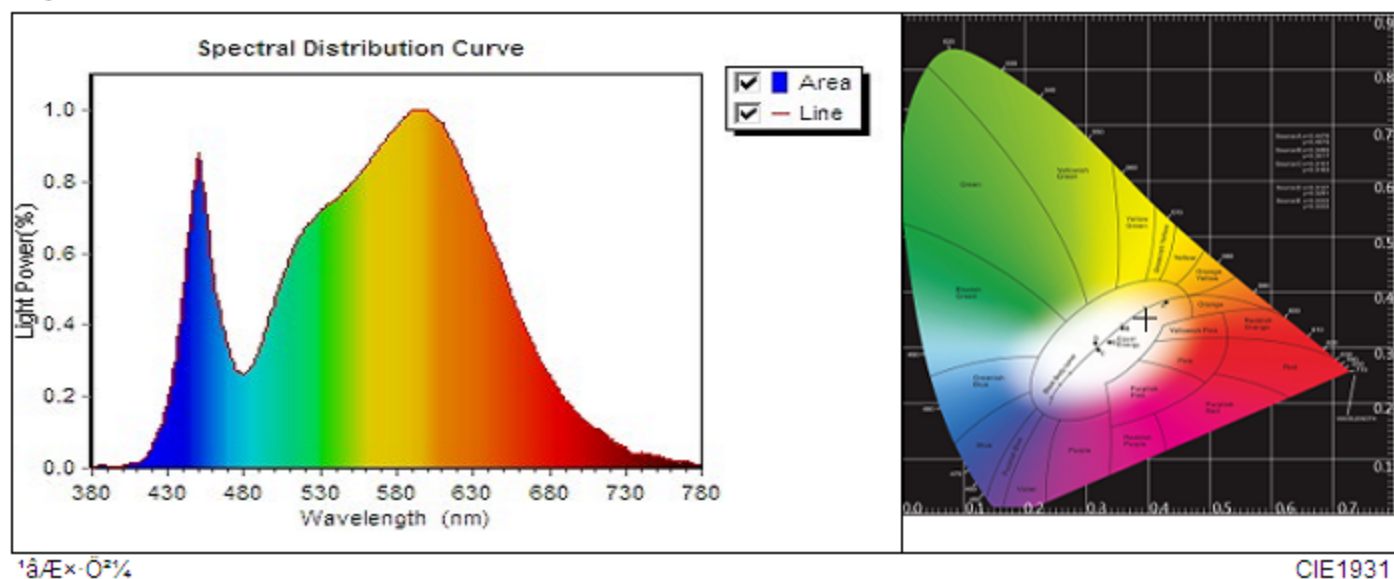
Test date. : 2024-08-07
Test equipment: SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 47619 (72.7%)
Integral time. : 663ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3911$ $y=0.3900$ $u=0.2268$ $v=0.3392$ ($duv=0.0031$)
Color temperature: $TC=3823$ K Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.138$
Peak wavelength: $\lambda_p=597.7$ nm FWHM: $\Delta\lambda_p=151.6$ nm Color ratio: $R=20.25\%$ $G=76.84\%$ $B=2.91\%$

Color rendering index (Ra): $Ra=83$

$R1=80.9$ $R2=88.1$ $R3=94.7$ $R4=82.9$ $R5=81.0$ $R6=84.1$ $R7=87.0$ $R8=64.9$
 $R9=8.8$ $R10=72.3$ $R11=82.1$ $R12=63.7$ $R13=83.1$ $R14=97.0$ $R15=74.3$

Optical Parameter

Luminous flux: 427.285 lm Luminous efficiency: 68.92 lm/w Radiant flux: 1.2901 W

Electrical Parameter

Voltage: 230.8 V Current: 0.027 A Watts: 6.20 W Power factor: 0.991

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