



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA
Product No. : BS1-AR111GU10-12W-D-BF
Manufacturer : BLED

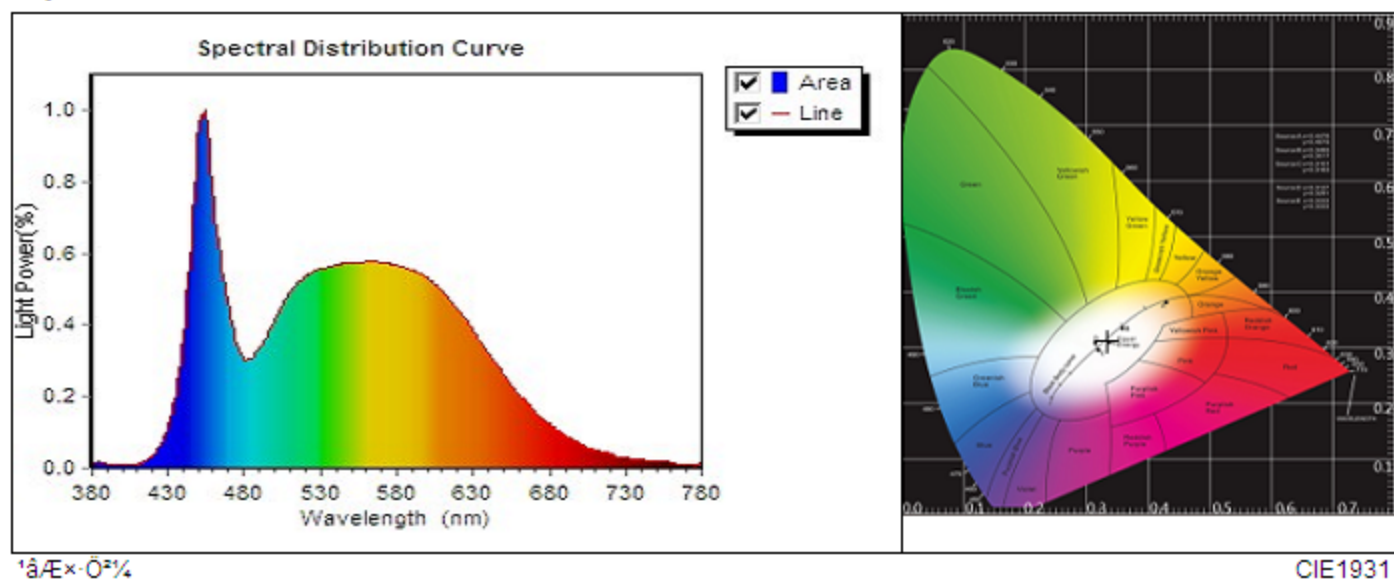
Test date. : 2025-07-17
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 51789 (79.0%)
Integral time. : 260ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3290$ $y=0.3531$ $u=0.2001$ $v=0.3220$ ($duv=0.0075$)
Color temperature: $TC=5644$ K Color difference: $SDCM=6.5$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.3$
Peak wavelength: $\lambda_p=453.0$ nm FWHM: $\Delta\lambda_p=24.2$ nm Color ratio: $R=15.59\%$ $G=79.57\%$ $B=4.85\%$

Color rendering index (Ra): $Ra=84.2$

$R1=81.9$ $R2=89.4$ $R3=94.1$ $R4=82.7$ $R5=82.3$ $R6=85.0$ $R7=88.5$ $R8=69.2$
 $R9=10.8$ $R10=74.7$ $R11=82.0$ $R12=61.1$ $R13=84.9$ $R14=97.1$ $R15=76.4$

Optical Parameter

Luminous flux: 953.343 lm luminous efficiency: 77.51 lm/w Radiant flux: 3.0094 W

Electrical Parameter

Voltage: 230.6 V Current: 0.059 A Watts: 12.30 W Power factor: 0.897

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