



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLAAR111
Product No. : BS1-AR111GU10-15W-BC
Manufacturer : BLED

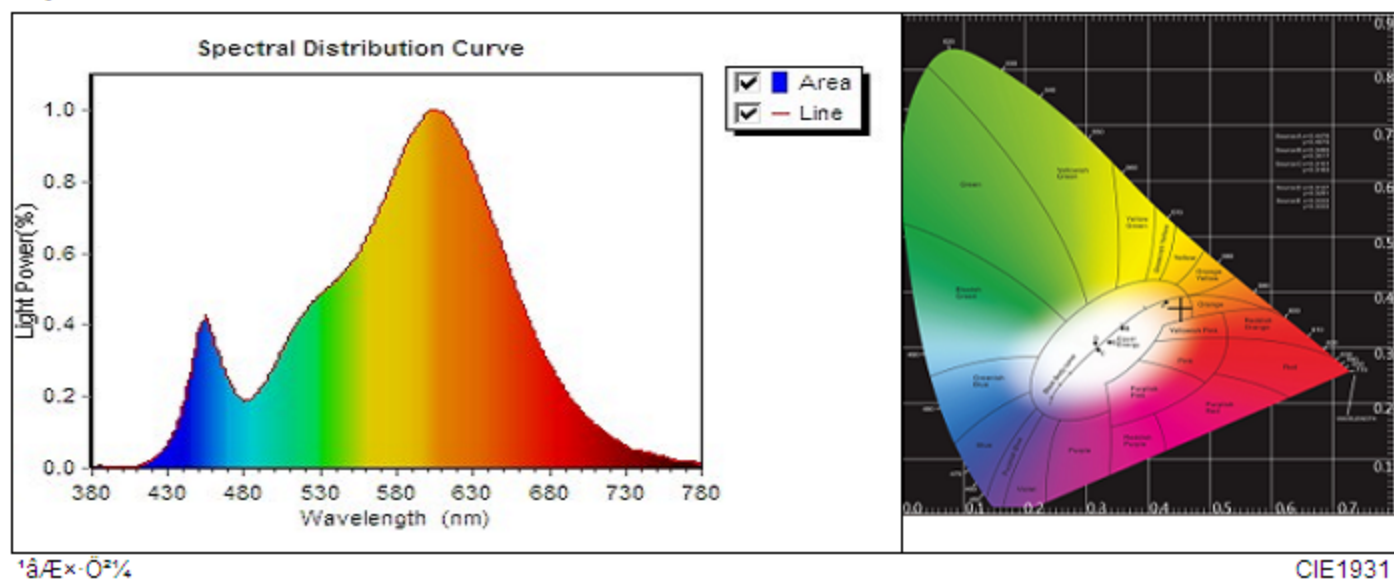
Test date. : 2025-02-17
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49384 (75.4%)
Integral time. : 226ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4459$ $y=0.4069$ $u=0.2551$ $v=0.3492$ ($duv=0.0000$)
Color temperature: $TC=2878$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=490.04$ nm Purity: $Purity=0.004$
Peak wavelength: $\lambda_p=604.8$ nm FWHM: $\Delta\lambda_p=125.2$ nm Color ratio: $R=25.74\%$ $G=72.04\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=83.4$

$R1=82.2$ $R2=92.1$ $R3=96.0$ $R4=81.4$ $R5=82.4$ $R6=91.0$ $R7=82.6$ $R8=59.3$
 $R9=9.8$ $R10=81.9$ $R11=81.2$ $R12=74.1$ $R13=85.4$ $R14=98.6$ $R15=74.4$

Optical Parameter

Luminous flux: 1255.98 lm luminous efficiency: 90.36 lm/w Radiant flux: 3.8664 W

Electrical Parameter

Voltage: 230.2 V Current: 0.085 A Watts: 13.90 W Power factor: 0.708

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