



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLA AR111
Product No. : B1015-BN
Manufacturer : BLED

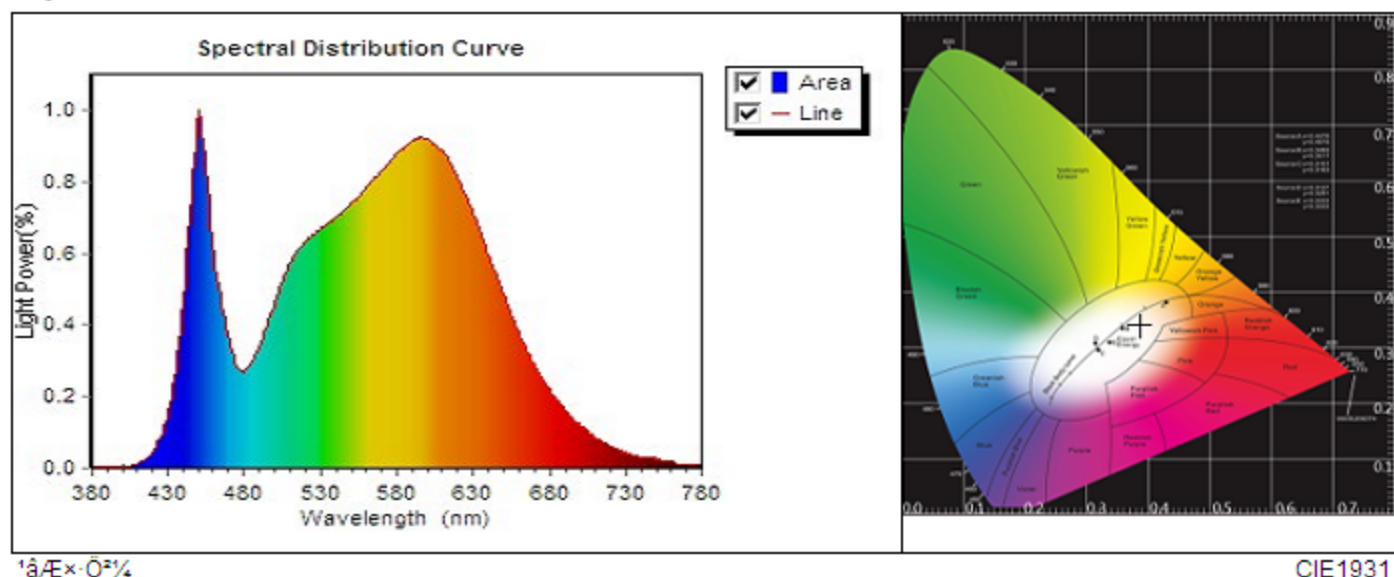
Test date. : 2022-03-21
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 46987 (71.7%)
Integral time. : 236ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3809$ $y=0.3792$ $u=0.2245$ $v=0.3351$ ($duv=0.0010$)
Color temperature: $TC=4005$ K Color difference: $SDCM=0.9$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.168$
Peak wavelength: $\lambda_p=450.5$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=19.98\%$ $G=76.75\%$ $B=3.27\%$

Color rendering index (Ra): $Ra=84.4$

$R1=82.9$ $R2=89.8$ $R3=95.2$ $R4=84.0$ $R5=83.1$ $R6=86.0$ $R7=87.1$ $R8=66.7$
 $R9=13.6$ $R10=76.0$ $R11=83.7$ $R12=64.5$ $R13=85.2$ $R14=97.5$ $R15=76.8$

Optical Parameter

Luminous flux: 1220.384 lm luminous efficiency: 101.7 lm/w Radiant flux: 3.7159 W

Electrical Parameter

Voltage: 230.3 V Current: 0.089 A Watts: 12.00 W Power factor: 0.579

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