



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : AR111
Product No. : B1015-BF
Manufacturer : BLED

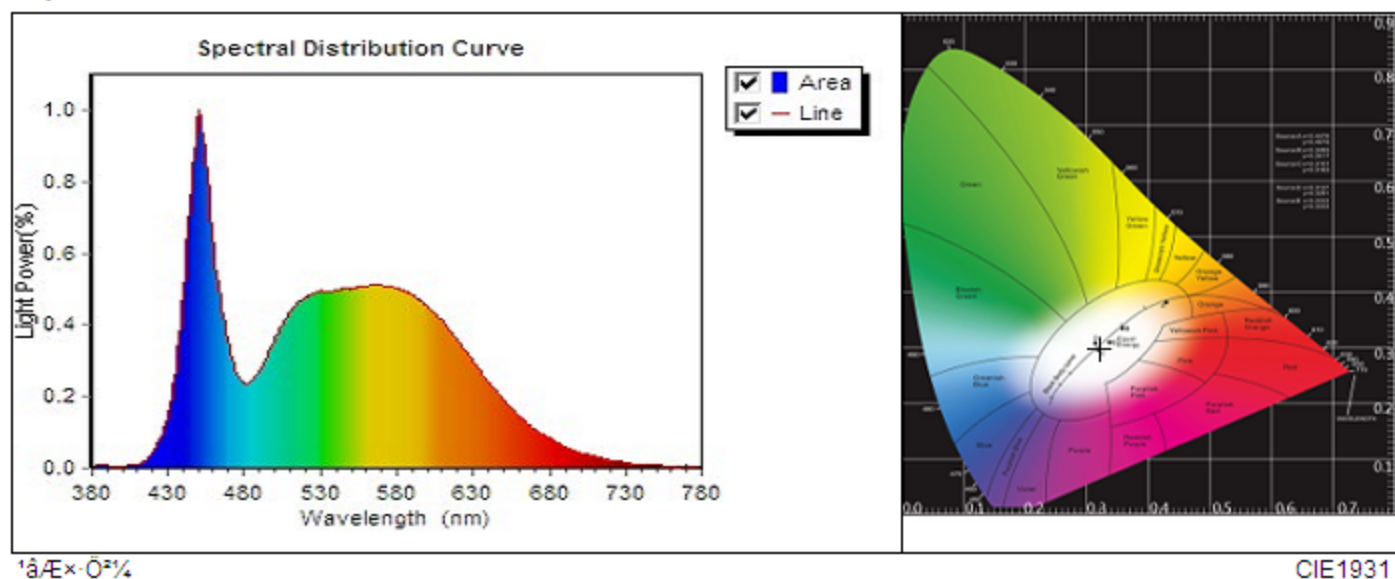
Test date. : 2023-02-02
Test equipment: SPEC2000A Spectrometer
Operator. : Lot.YZ-BLD-04-22

Test Condition

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

Humidity : 65%
Peak AD. : 57502 (87.7%)
Integral time. : 227ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3182$ $y=0.3402$ $u=0.1975$ $v=0.3167$ ($duv=0.0061$)
Color temperature: $TC=6160$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.332$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=14.54\%$ $G=80.70\%$ $B=4.75\%$

Color rendering index (Ra): $Ra=81.6$

$R1=79.0$ $R2=86.0$ $R3=91.0$ $R4=81.5$ $R5=80.2$ $R6=80.9$ $R7=87.1$ $R8=66.5$
 $R9=-3.6$ $R10=67.1$ $R11=80.9$ $R12=58.2$ $R13=81.6$ $R14=95.4$ $R15=73.2$

Optical Parameter

Luminous flux: 1087.729 lm luminous efficiency: 91.41 lm/w Radiant flux: 3.417 W

Electrical Parameter

Voltage: 230.3 V Current: 0.089 A Watts: 11.90 W Power factor: 0.579

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