



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1212-B-BC
Manufacturer : BLED

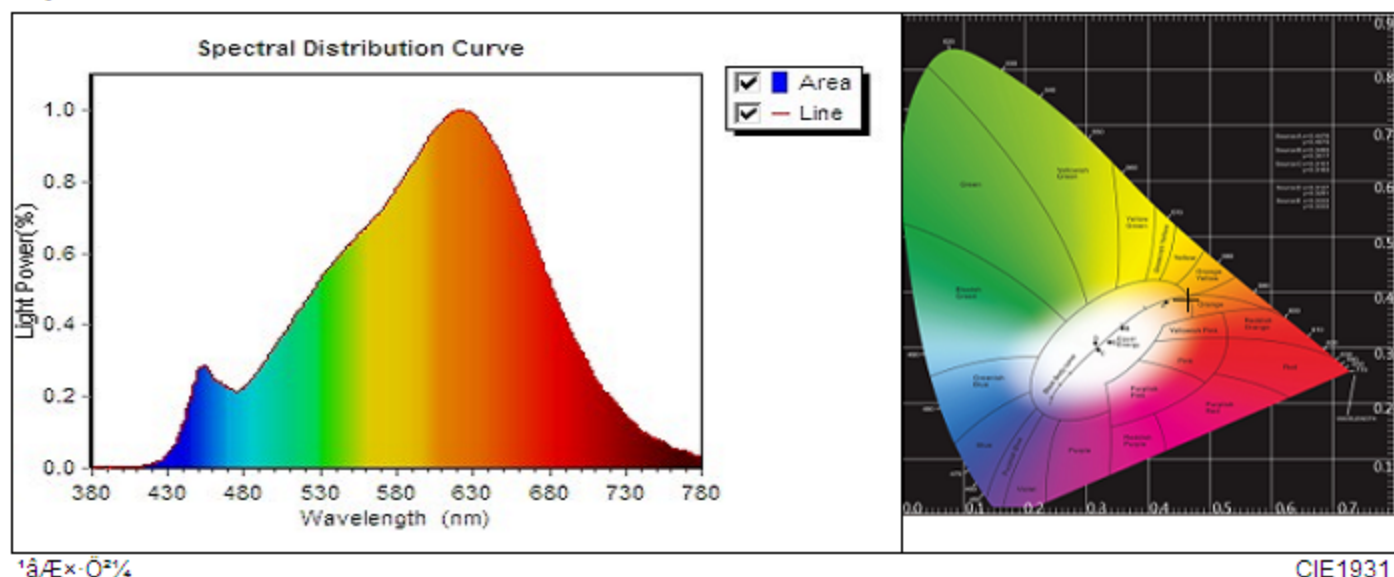
Test date. : 2023-02-15
Test equipment : SPEC2000A Spectrometer
Operator. : BL20220426HT

Test Condition

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

Humidity : 65%
Peak AD. : 48688 (74.3%)
Integral time. : 419ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4563$ $y=0.4225$ $u=0.2550$ $v=0.3542$ ($duv=0.0047$)
Color temperature: $TC=2842$ K Color difference: $SDCM=5.3$ Main Wavelength: $\lambda_d=570.04$ nm Purity: $Purity=0.124$
Peak wavelength: $\lambda_p=621.5$ nm FWHM: $\Delta\lambda_p=156.2$ nm Color ratio: $R=26.52\%$ $G=71.22\%$ $B=2.26\%$

Color rendering index (Ra): $Ra=91.5$

$R1=90.9$ $R2=94.5$ $R3=97.2$ $R4=91.2$ $R5=90.0$ $R6=93.6$ $R7=93.1$ $R8=80.7$
 $R9=54.8$ $R10=86.3$ $R11=91.1$ $R12=78.2$ $R13=92.0$ $R14=97.7$ $R15=86.2$

Optical Parameter

Luminous flux: 721.983 lm luminous efficiency: 63.89 lm/w Radiant flux: 2.4704 W

Electrical Parameter

Voltage: 230.2 V Current: 0.086 A Watts: 11.30 W Power factor: 0.566

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