



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BULB
Product No. : BS1-AR111GU10-15W-BN
Manufacturer : BLED

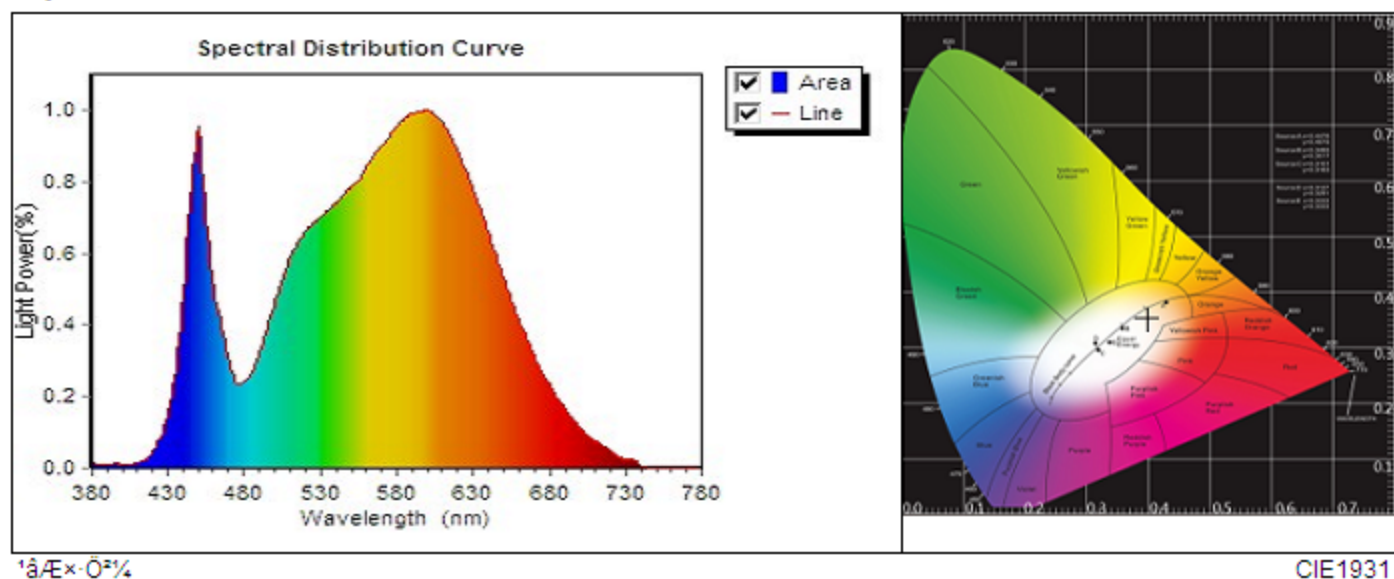
Test date. : 2025-03-05
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 35085 (53.5%)
Integral time. : 134ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3929$ $y=0.3903$ $u=0.2278$ $v=0.3395$ ($duv=0.0028$)
Color temperature: $TC=3783$ K Color difference: $SDCM=6.0$ Main Wavelength: $\lambda_d=486.05$ nm Purity: $Purity=0.134$
Peak wavelength: $\lambda_p=599.0$ nm FWHM: $\Delta\lambda_p=150.2$ nm Color ratio: $R=20.44\%$ $G=76.74\%$ $B=2.82\%$

Color rendering index (Ra): $Ra=82.7$

$R1=80.7$ $R2=87.9$ $R3=94.6$ $R4=82.7$ $R5=80.8$ $R6=83.9$ $R7=86.6$ $R8=64.2$
 $R9=7.3$ $R10=72.0$ $R11=82.2$ $R12=62.7$ $R13=82.9$ $R14=97.0$ $R15=73.9$

Optical Parameter

Luminous flux: 1609.442 lm luminous efficiency: 113.34 lm/w Radiant flux: 4.7578 W

Electrical Parameter

Voltage: 230.1 V Current: 0.091 A Watts: 14.20 W Power factor: 0.673

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