



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

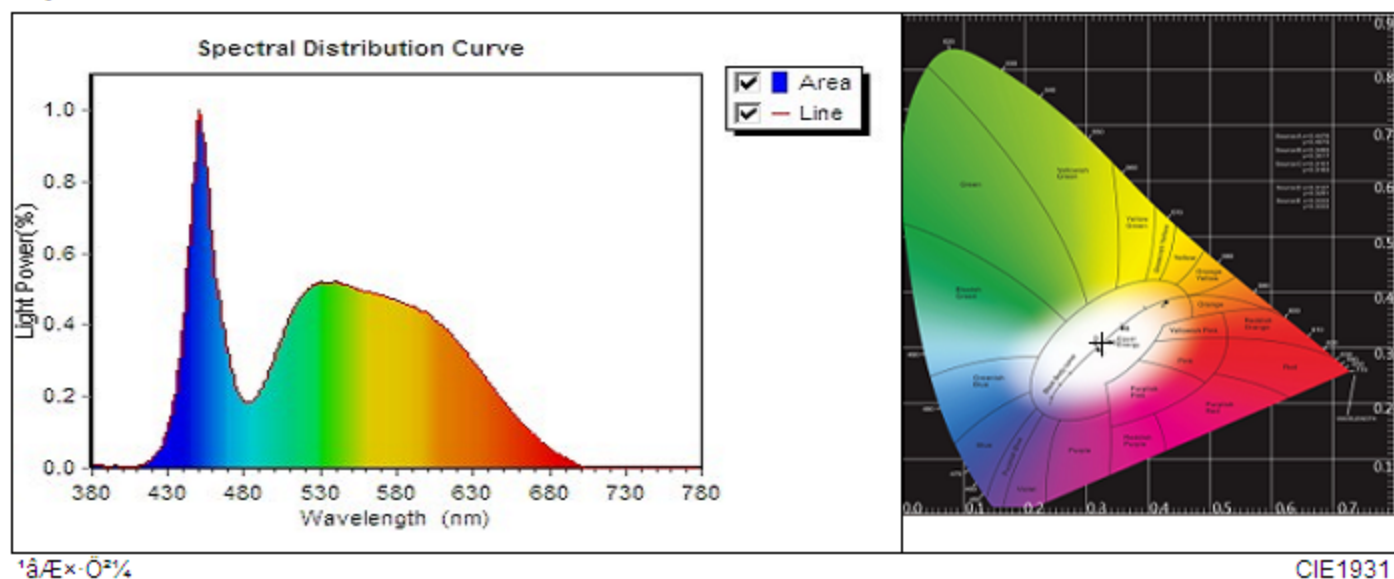
Test date. : 2025-03-05
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48105 (73.4%)
Integral time. : 134ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3203$ $y=0.3495$ $u=0.1955$ $v=0.3200$ ($duv=0.0098$)
Color temperature: $TC=6028$ K Color difference: $SDCM=6.6$ Main Wavelength: $\lambda_d=484.02$ nm Purity: $Purity=0.321$
Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\Delta\lambda_p=20.3$ nm Color ratio: $R=14.47\%$ $G=81.30\%$ $B=4.23\%$

Color rendering index (Ra): $Ra=79.9$

$R1=77.4$ $R2=83.5$ $R3=88.2$ $R4=80.2$ $R5=78.0$ $R6=77.9$ $R7=87.5$ $R8=66.3$
 $R9=-6.4$ $R10=61.0$ $R11=78.8$ $R12=51.2$ $R13=79.8$ $R14=93.6$ $R15=71.4$

Optical Parameter

Luminous flux: 1556.931 lm luminous efficiency: 109.64 lm/w Radiant flux: 4.6767 W

Electrical Parameter

Voltage: 230.1 V Current: 0.095 A Watts: 14.20 W Power factor: 0.650

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