



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BALIZA
Product No. : BA50022-BC
Manufacturer : BLED

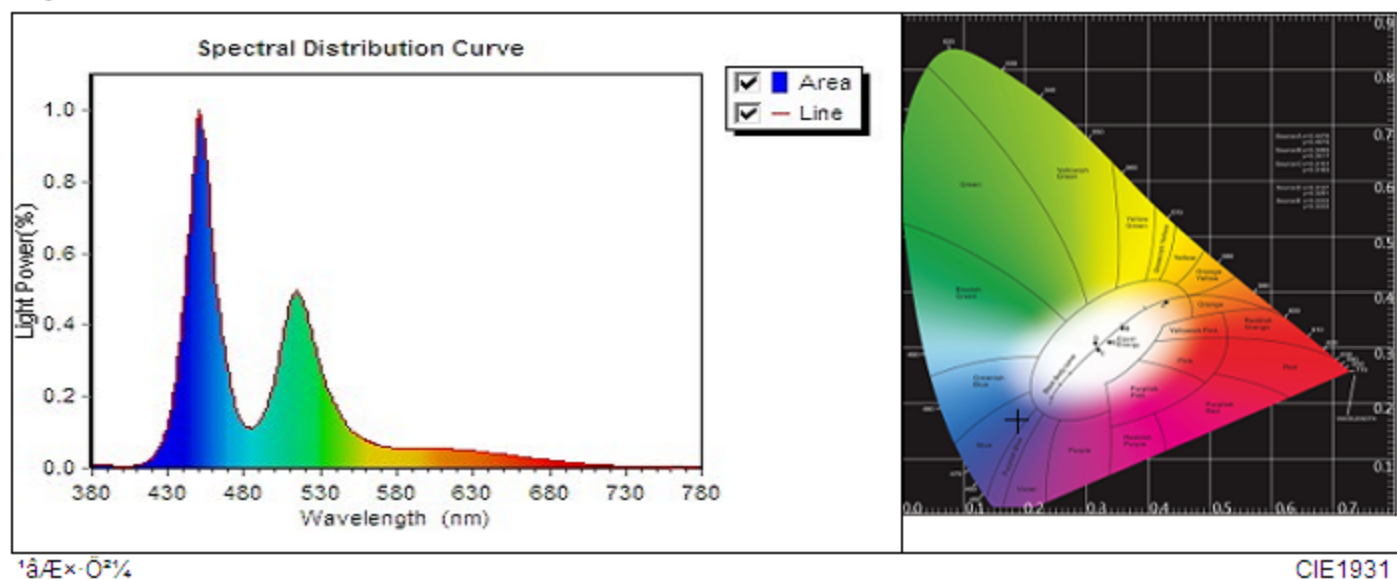
Test date. : 2024-08-16
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56886 (86.8%)
Integral time. : 190ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1851$ $y=0.2208$ $u=0.1402$ $v=0.2510$ ($duv=-0.0472$)
Color temperature: $TC=100000$ K Color difference: $SDCM=155.3$ Main Wavelength: $\lambda_d=481.06$ nm Purity: $Purity=0.722$
Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\lambda_p=21.1$ nm Color ratio: $R=6.08\%$ $G=83.85\%$ $B=10.07\%$

Color rendering index (Ra): $Ra=65.6$

$R1=49.5$ $R2=70.4$ $R3=84.4$ $R4=47.3$ $R5=57.1$ $R6=66.4$ $R7=88.3$ $R8=61.2$
 $R9=-62.0$ $R10=47.0$ $R11=25.4$ $R12=49.6$ $R13=49.7$ $R14=87.0$ $R15=52.9$

Optical Parameter

Luminous flux: 449.708 lm luminous efficiency: 65.18 lm/w Radiant flux: 2.0691 W

Electrical Parameter

Voltage: 230.8 V Current: 0.032 A Watts: 6.90 W Power factor: 0.929

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