



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BALIZA
Product No. : BA50071-RGB (RGB)
Manufacturer : BLED

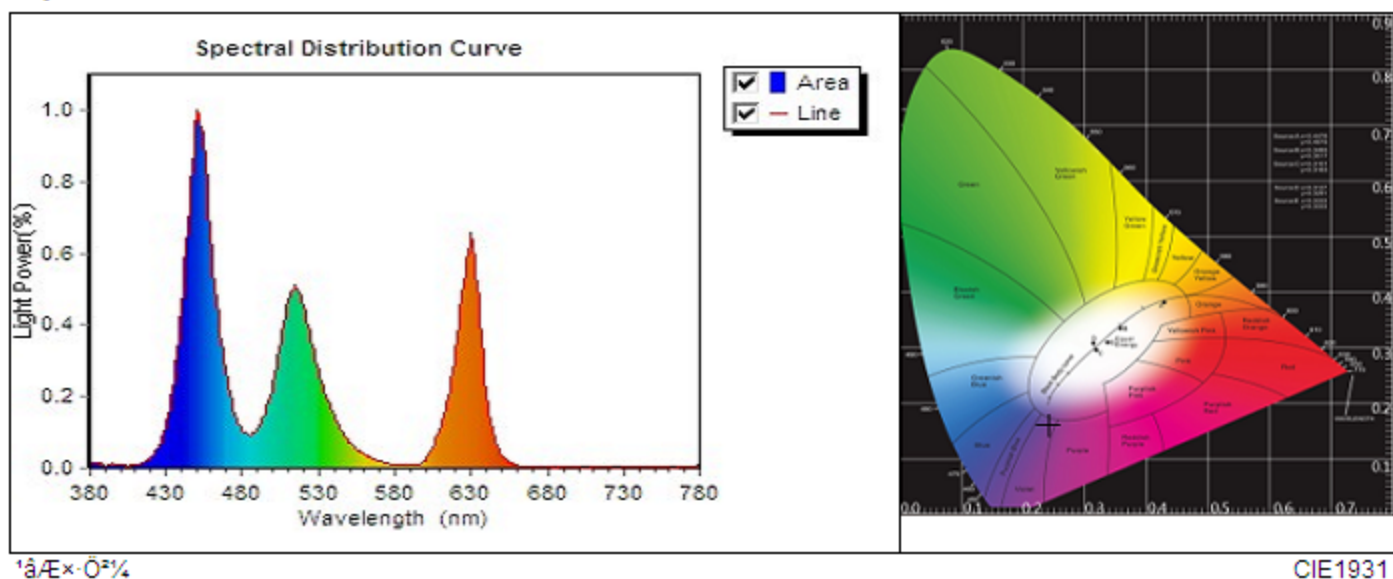
Test date. : 2024-08-16
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 53209 (81.2%)
Integral time. : 216ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2387$ $y=0.2135$ $u=0.1877$ $v=0.2519$ ($duv=-0.0209$)
Color temperature: $TC=100000$ K Color difference: $SDCM=57.0$ Main Wavelength: $\lambda_d=477.02$ nm Purity: $Purity=0.62$
Peak wavelength: $\lambda_p=451.3$ nm FWHM: $\Delta\lambda_p=20.9$ nm Color ratio: $R=23.71\%$ $G=67.04\%$ $B=9.25\%$

Color rendering index (Ra): $Ra=40.8$

$R1=19.8$ $R2=64.9$ $R3=69.0$ $R4=19.1$ $R5=39.5$ $R6=60.7$ $R7=62.3$ $R8=-9.2$
 $R9=-251.2$ $R10=8.5$ $R11=-10.5$ $R12=72.6$ $R13=29.5$ $R14=76.4$ $R15=-0.2$

Optical Parameter

Luminous flux: 380.873 lm luminous efficiency: lm/w Radiant flux: 1.9017 W

Electrical Parameter

Voltage: 0.0 V Current: 0.000 A Watte: 0.00 W Power factor: 0.000

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