



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : BALIZA
Product No. : BA50023-BC
Manufacturer : BLED

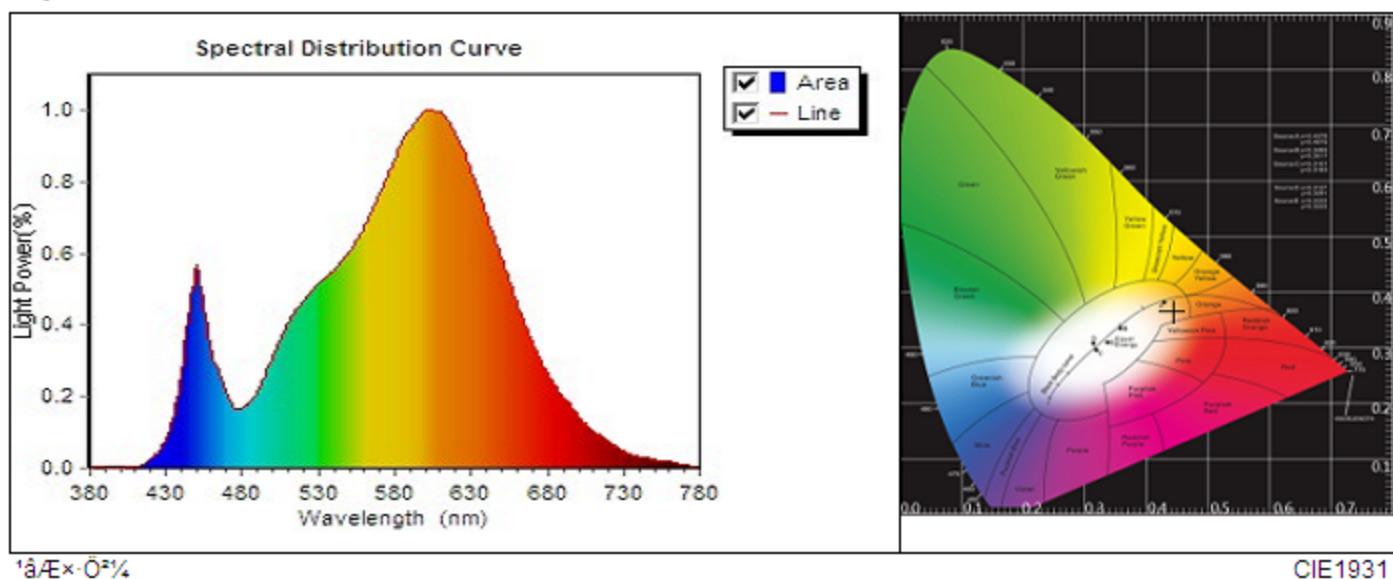
Test date. : 2023-01-05
Test equipment : SPEC2000A Spectrometer
Operator. : -

Test Condition

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

Humidity : 65%
Peak AD. : 34313 (52.4%)
Integral time. : 79ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4366$ $y=0.4026$ $u=0.2510$ $v=0.3472$ ($duv=-0.0006$)
Color temperature: $TC=2993$ K Color difference: $SDCM=2.0$ Main Wavelength: $\lambda_d=485.1$ nm Purity: $Purity=0.028$
Peak wavelength: $\lambda_p=602.0$ nm FWHM: $\Delta\lambda_p=130.4$ nm Color ratio: $R=24.84\%$ $G=73.00\%$ $B=2.16\%$

Color rendering index (Ra): $Ra=83$

$R1=81.5$ $R2=90.6$ $R3=96.7$ $R4=81.7$ $R5=81.7$ $R6=88.6$ $R7=83.1$ $R8=59.6$
 $R9=7.9$ $R10=78.6$ $R11=81.6$ $R12=71.3$ $R13=84.3$ $R14=98.7$ $R15=74.0$

Optical Parameter

Luminous flux: 2384.782 lm luminous efficiency: 81.12 lm/w Radiant flux: 7.2122 W

Electrical Parameter

Voltage: 230.5 V Current: 0.136 A Watts: 29.40 W Power factor: 0.937

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