



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. : BA50022-BC
Manufacturer : BLED

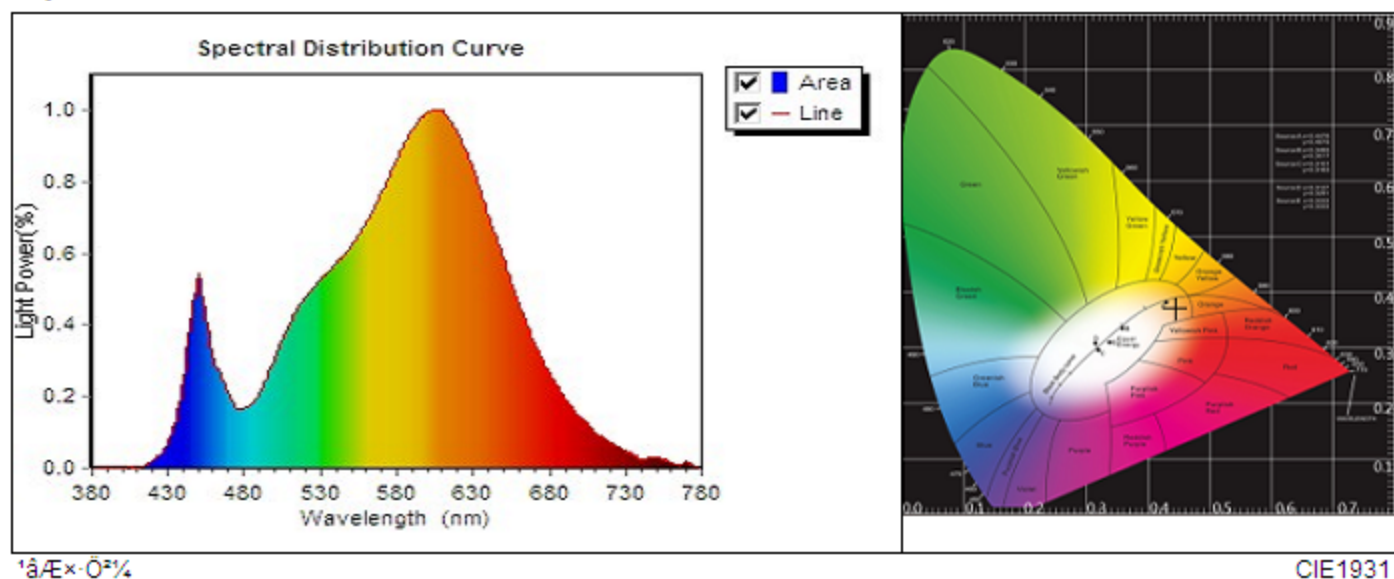
Test date. : 2023-01-05
Test equipment : SPEC2000A Spectrometer
Operator. : -

Test Condition

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

Humidity : 65%
Peak AD. : 41238 (62.9%)
Integral time. : 417ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4382$ $y=0.4075$ $u=0.2499$ $v=0.3486$ ($duv=0.0012$)
Color temperature: $TC=3006K$ Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=490.02nm$ Purity: $Purity=0.022$
Peak wavelength: $\lambda_p=606.8nm$ FWHM: $\lambda_p=132.8nm$ Color ratio: $R=24.65\%$ $G=73.27\%$ $B=2.08\%$

Color rendering index (Ra): $Ra=82.8$

$R1=81.1$ $R2=89.8$ $R3=97.0$ $R4=81.8$ $R5=81.0$ $R6=87.4$ $R7=84.0$ $R8=60.0$
 $R9=7.3$ $R10=76.6$ $R11=81.3$ $R12=68.4$ $R13=83.8$ $R14=98.5$ $R15=73.5$

Optical Parameter

Luminous flux: $543.068lm$ Luminous efficiency: $72.41lm/w$ Radiant flux: $1.6238W$

Electrical Parameter

Voltage: $230.8V$ Current: $0.034A$ Watts: $7.50W$ Power factor: 0.947

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