



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BALIZA
Product No. : BA50071-BC
Manufacturer : BLED

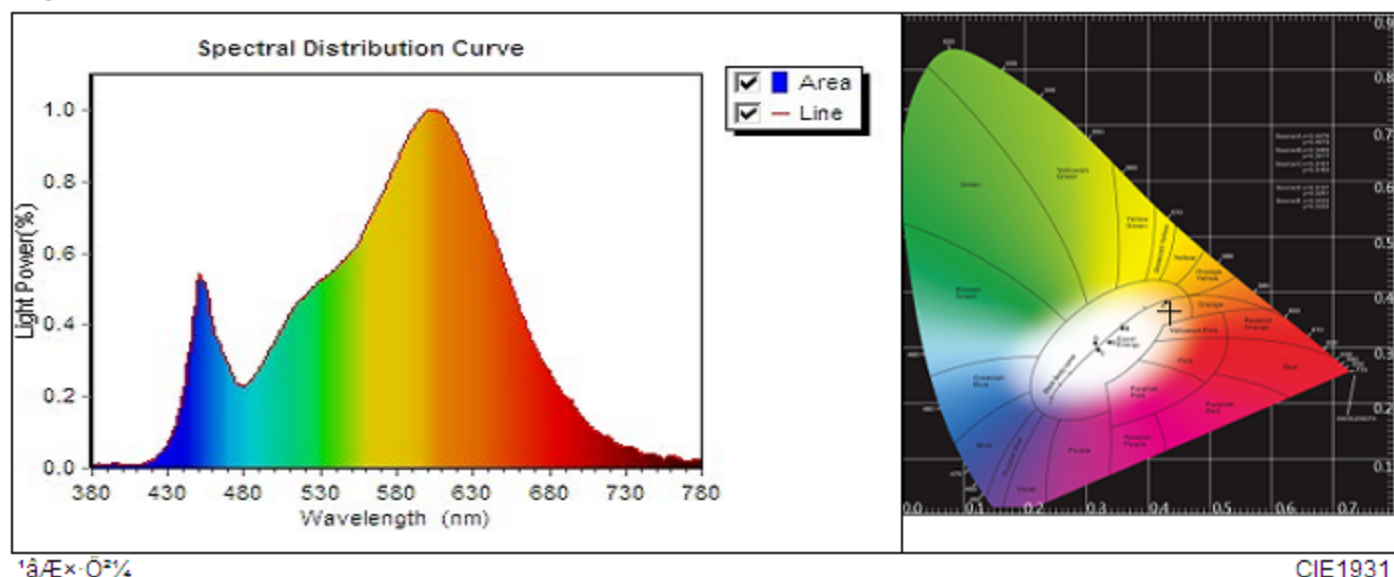
Test date. : 2024-08-16
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 33167 (50.6%)
Integral time. : 132ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4305$ $y=0.4013$ $u=0.2476$ $v=0.3462$ ($duv=-0.0002$)
Color temperature: $TC=3089K$ Color difference: $SDCM=5.5$ Main Wavelength: $\lambda_d=486.05nm$ Purity: $Purity=0.042$
Peak wavelength: $\lambda_p=602.3 nm$ FWHM: $\lambda_p=131.8 nm$ Color ratio: $R=24.46\%$ $G=72.91\%$ $B=2.62\%$

Color rendering index (Ra): $Ra=84.4$

$R1=83.5$ $R2=93.0$ $R3=95.5$ $R4=82.9$ $R5=84.0$ $R6=92.0$ $R7=83.0$ $R8=60.7$
 $R9=11.2$ $R10=84.2$ $R11=83.3$ $R12=75.1$ $R13=86.7$ $R14=98.2$ $R15=75.6$

Optical Parameter

Luminous flux: $1442.054 lm$ luminous efficiency: $70.61 lm/w$ Radiant flux: $4.4221 W$

Electrical Parameter

Voltage: $12.0 V$ Current: $1.702 A$ Watto: $20.424 W$ Power factor: 0.000

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