



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE EMPOTRABLE
Product No. : B861-B
Manufacturer : BLED

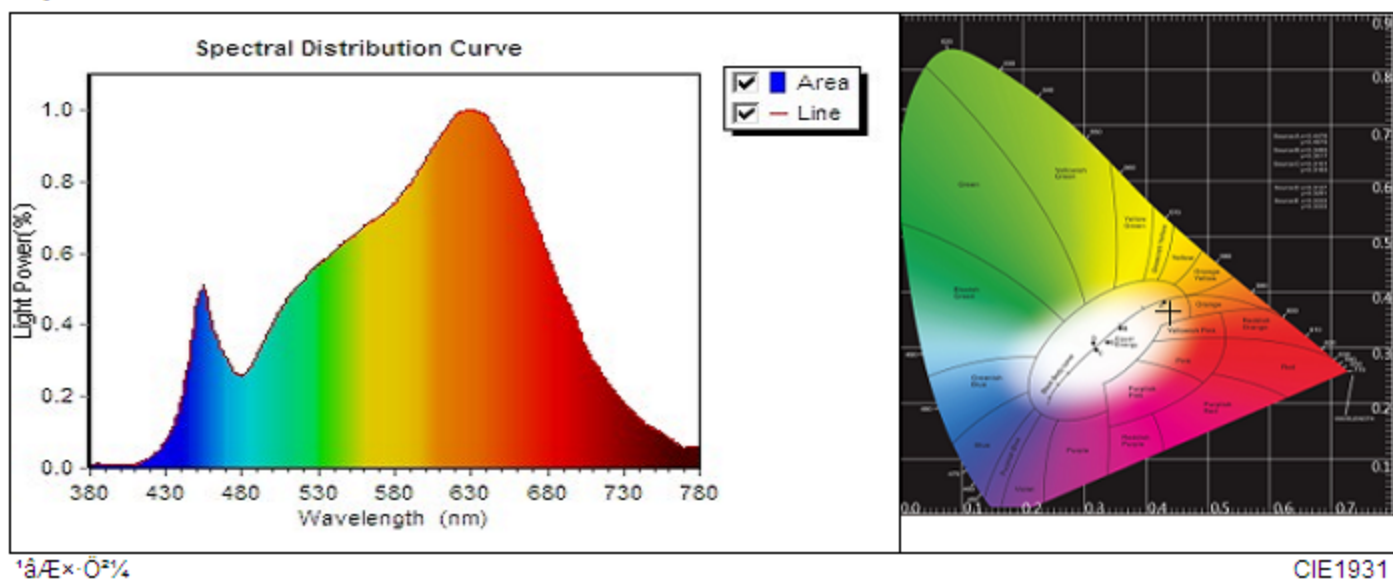
Test date. : 2024-08-14
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54611 (83.3%)
Integral time. : 810ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4311$ $y=0.4016$ $u=0.2479$ $v=0.3463$ ($duv=-0.0002$)
Color temperature: $TC=3080K$ Color difference: $SDCM=5.2$ Main Wavelength: $\lambda_d=486.06nm$ Purity: $Purity=0.041$
Peak wavelength: $\lambda_p=629.0nm$ FWHM: $\Delta\lambda_p=174.7nm$ Color ratio: $R=25.86\%$ $G=71.30\%$ $B=2.84\%$

Color rendering index (Ra): $Ra=97.4$

$R1=98.5$ $R2=98.9$ $R3=97.5$ $R4=98.5$ $R5=97.9$ $R6=97.6$ $R7=96.7$ $R8=93.1$
 $R9=83.8$ $R10=96.0$ $R11=98.2$ $R12=84.8$ $R13=99.0$ $R14=97.8$ $R15=96.3$

Optical Parameter

Luminous flux: $436.308lm$ Luminous efficiency: $58.96lm/w$ Radiant flux: $1.6014W$

Electrical Parameter

Voltage: $230.4V$ Current: $0.058A$ Watts: $7.40W$ Power factor: 0.547

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