



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE
Product No. : LN1604-CCT (3500°K)
Manufacturer : BLED

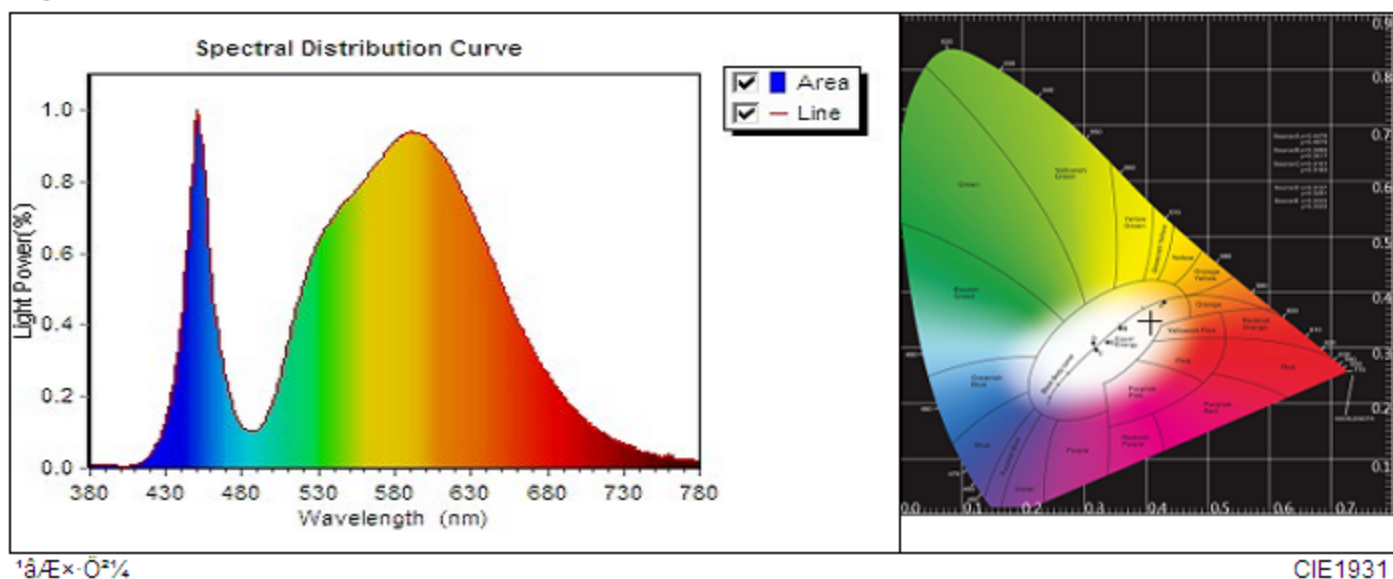
Test date. : 2025-01-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 47221 (72.1%)
Integral time. : 149ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4018$ $y=0.3847$ $u=0.2359$ $v=0.3388$ ($duv=-0.0019$)
Color temperature: $TC=3529$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.117$
Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\Delta\lambda_p=18.3$ nm Color ratio: $R=20.91\%$ $G=77.10\%$ $B=1.99\%$

Color rendering index (Ra): $Ra=75.9$

$R1=74.6$ $R2=82.4$ $R3=86.7$ $R4=74.4$ $R5=72.7$ $R6=73.2$ $R7=83.5$ $R8=59.6$
 $R9=-3.2$ $R10=56.2$ $R11=69.2$ $R12=43.7$ $R13=76.3$ $R14=91.9$ $R15=70.7$

Optical Parameter

Luminous flux: 1921.656 lm luminous efficiency: 48.53 lm/w Radiant flux: 5.7771 W

Electrical Parameter

Voltage: 230.3 V Current: 0.177 A Watts: 39.60 W Power factor: 0.972

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