



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE
Product No. : LN1604-CCT (3000°K)
Manufacturer : BLED

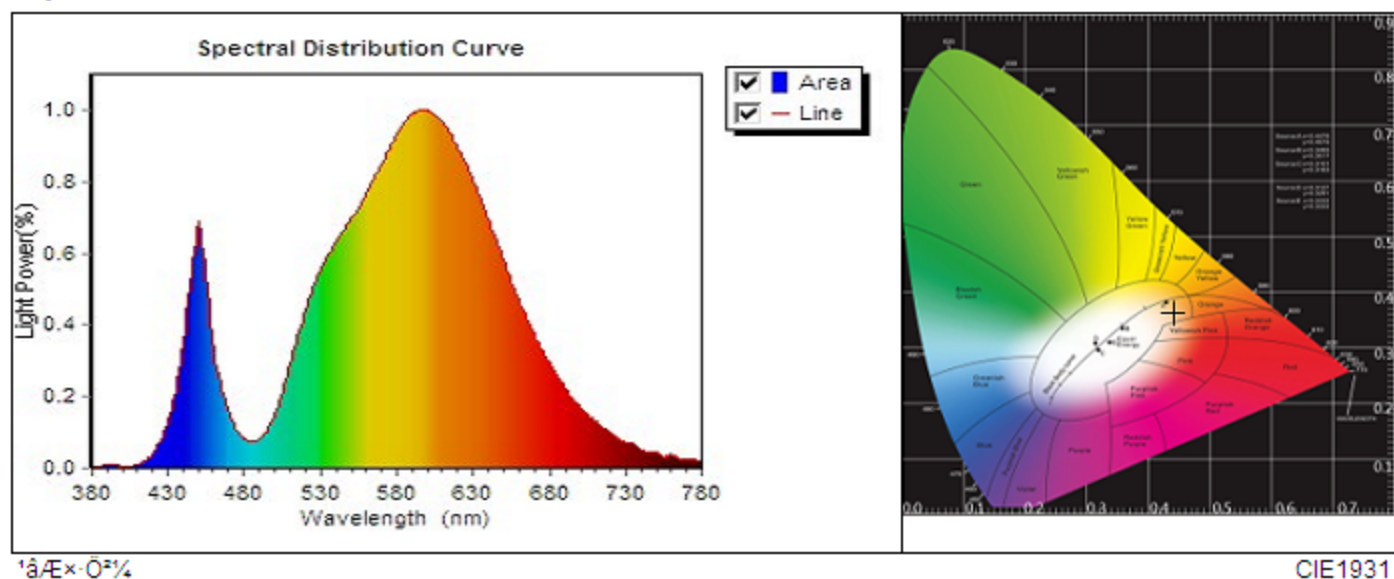
Test date. : 2025-01-13
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 46175 (70.5%)
Integral time. : 149ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4344$ $y=0.4006$ $u=0.2504$ $v=0.3464$ ($duv=-0.0010$)
Color temperature: $TC=3015K$ Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=484.01nm$ Purity: $Purity=0.034$
Peak wavelength: $\lambda_p=596.6 nm$ FWHM: $\Delta\lambda_p=132.3 nm$ Color ratio: $R=23.47\%$ $G=75.11\%$ $B=1.43\%$

Color rendering index (Ra): $Ra=74.6$

$R1=72.6$ $R2=82.2$ $R3=89.1$ $R4=72.1$ $R5=70.4$ $R6=73.5$ $R7=81.7$ $R8=54.3$
 $R9=-9.2$ $R10=56.9$ $R11=66.6$ $R12=45.4$ $R13=74.7$ $R14=93.2$ $R15=67.6$

Optical Parameter

Luminous flux: 1782.68 lm Luminous efficiency: 42.24 lm/w Radiant flux: 5.3315 W

Electrical Parameter

Voltage: 230.3 V Current: 0.187 A Watts: 42.20 W Power factor: 0.979

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