



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE LED
Product No. : LE301-600-N
Manufacturer : BLED

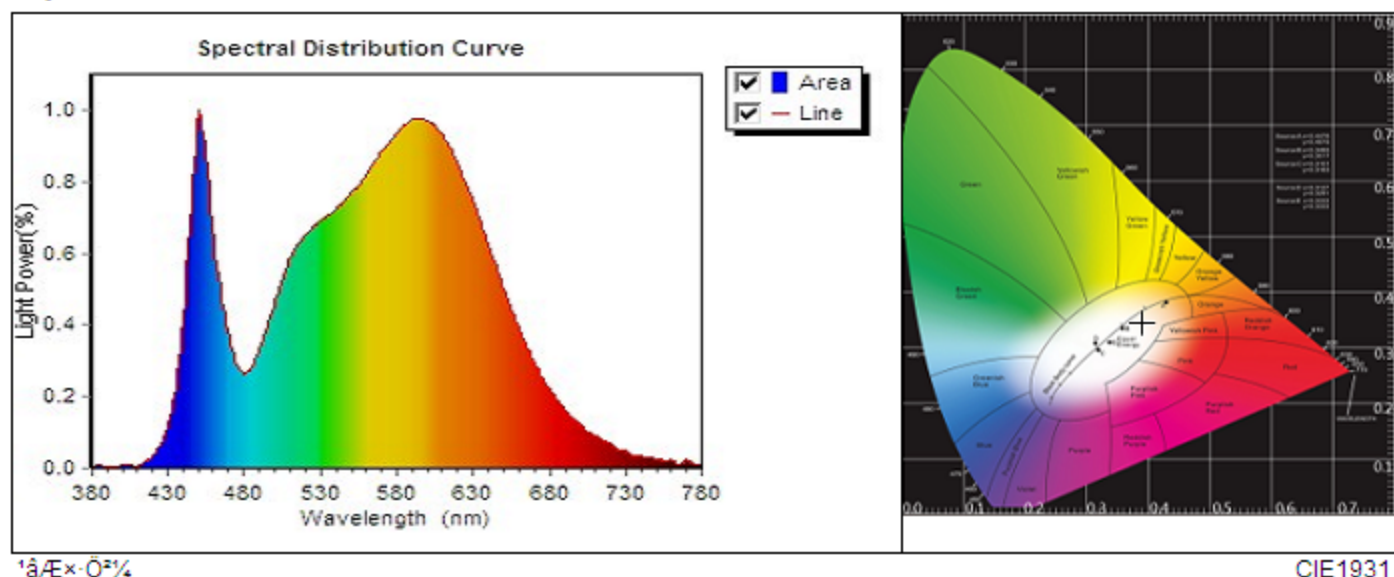
Test date. : 2024-11-22
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51604 (78.7%)
Integral time. : 424ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3859$ $y=0.3841$ $u=0.2258$ $v=0.3370$ ($duv=0.0018$)
Color temperature: $TC=3909$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.153$
Peak wavelength: $\lambda_p=451.0$ nm FWHM: $\Delta\lambda_p=22.6$ nm Color ratio: $R=20.07\%$ $G=76.81\%$ $B=3.12\%$

Color rendering index (Ra): $Ra=83.3$

$R1=81.4$ $R2=89.2$ $R3=95.4$ $R4=82.4$ $R5=81.5$ $R6=85.2$ $R7=86.3$ $R8=64.3$
 $R9=8.0$ $R10=74.7$ $R11=81.8$ $R12=61.8$ $R13=84.0$ $R14=97.7$ $R15=74.8$

Optical Parameter

Luminous flux: 762.304 lm luminous efficiency: 101.64 lm/w Radiant flux: 2.2903 W

Electrical Parameter

Voltage: 230.4 V Current: 0.044 A Watts: 7.50 W Power factor: 0.727

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