



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE
Product No. : LN1578-100-N
Manufacturer : BLED

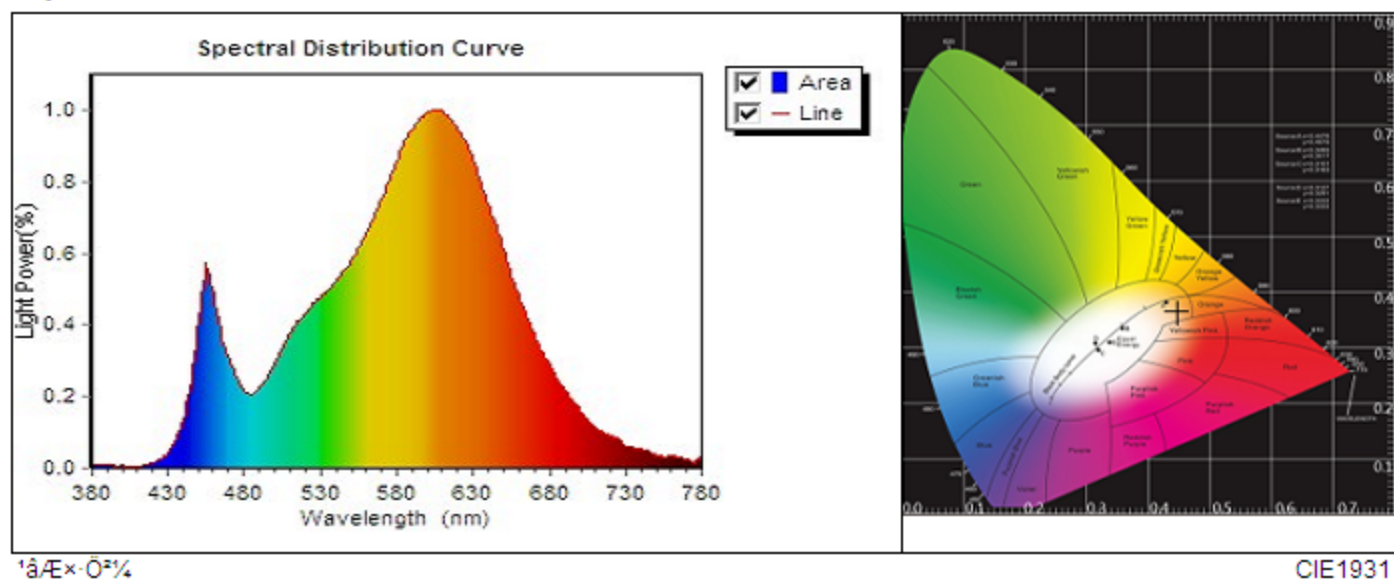
Test date. : 2022-10-06
Test equipment: SPEC2000A Spectrometer
Operator. : ZDNS2122014

Test Condition

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

Humidity : 65%
Peak AD. : 51707 (78.9%)
Integral time. : 500ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4410$ $y=0.4009$ $u=0.2546$ $v=0.3472$ ($duv=-0.0018$)
Color temperature: $TC=2906$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=476.05$ nm Purity: $Purity=0.02$
Peak wavelength: $\lambda_p=605.5$ nm FWHM: $\Delta\lambda_p=123.2$ nm Color ratio: $R=25.60\%$ $G=71.95\%$ $B=2.45\%$

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

$R1=82.7$ $R2=93.4$ $R3=94.2$ $R4=80.2$ $R5=82.9$ $R6=92.1$ $R7=81.4$ $R8=59.4$
 $R9=12.1$ $R10=84.8$ $R11=79.7$ $R12=73.4$ $R13=86.2$ $R14=97.7$ $R15=75.5$

Optical Parameter

Luminous flux: 546.363 lm luminous efficiency: 25.18 lm/w Radiant flux: 1.6963 W

Electrical Parameter

Voltage: 230.0 V Current: 0.172 A Watts: 21.70 W Power factor: 0.547

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