



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : APLIQUE LED
Product No. : LE304-400-N
Manufacturer : BLED

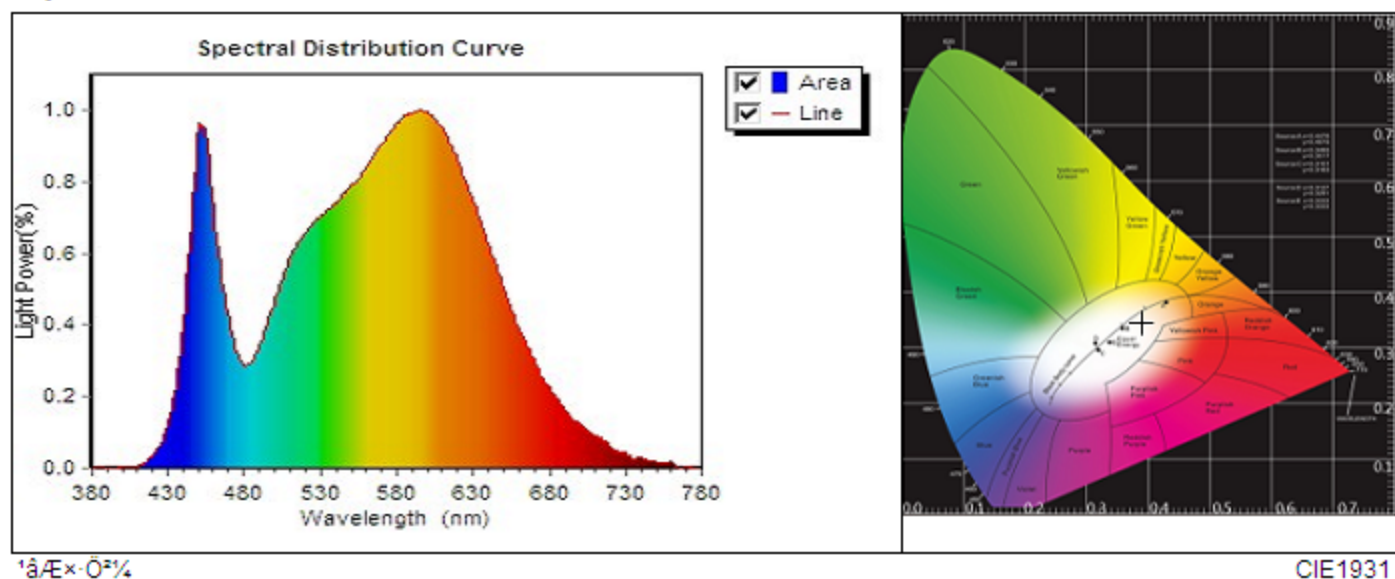
Test date. : 2024-11-22
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52365 (79.9%)
Integral time. : 697ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3848$ $y=0.3835$ $u=0.2253$ $v=0.3368$ ($duv=0.0019$)
Color temperature: $TC=3933$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=595.2$ nm FWHM: $\Delta\lambda_p=147.5$ nm Color ratio: $R=19.93\%$ $G=76.86\%$ $B=3.22\%$

Color rendering index (Ra): $Ra=82.9$

$R1=80.9$ $R2=89.4$ $R3=95.6$ $R4=81.4$ $R5=80.9$ $R6=85.3$ $R7=85.8$ $R8=63.2$
 $R9=5.7$ $R10=74.8$ $R11=80.5$ $R12=61.0$ $R13=83.7$ $R14=97.8$ $R15=74.2$

Optical Parameter

Luminous flux: 456.165 lm luminous efficiency: 78.65 lm/w Radiant flux: 1.3628 W

Electrical Parameter

Voltage: 230.5 V Current: 0.031 A Watts: 5.80 W Power factor: 0.796

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