



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. : LE302-600-DO
Manufacturer : BLED

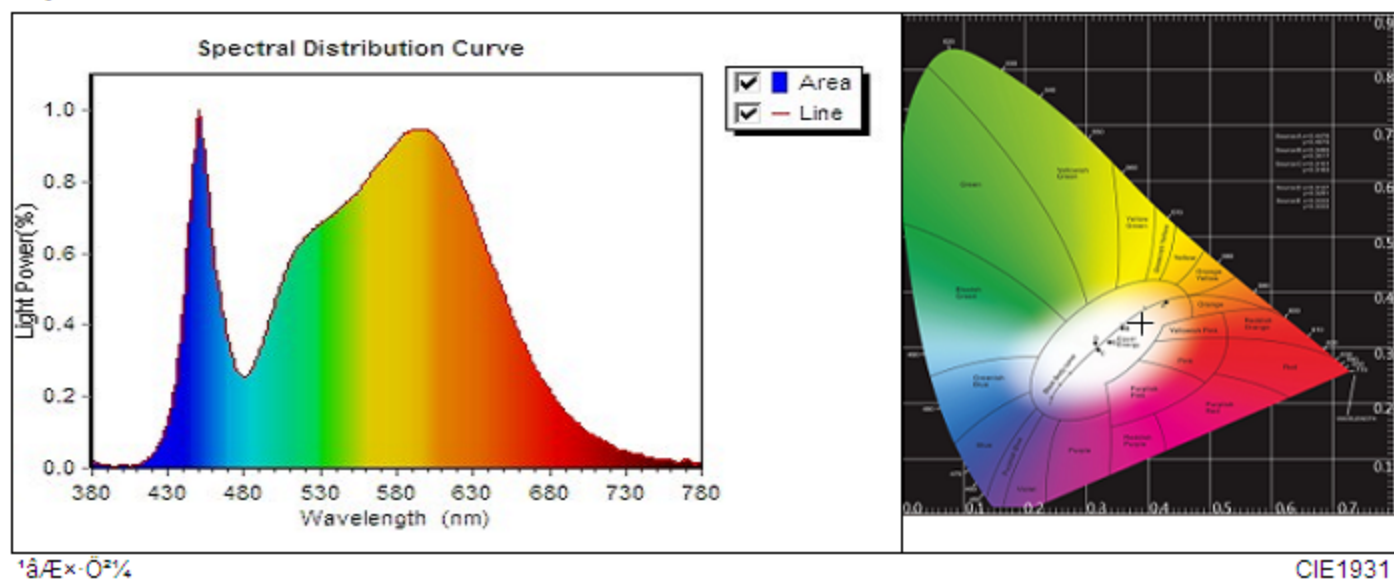
Test date. : 2024-11-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56720 (86.5%)
Integral time. : 424ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3833$ $y=0.3826$ $u=0.2247$ $v=0.3364$ ($duv=0.0019$)
Color temperature: $TC=3966$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=485.06$ nm Purity: $Purity=0.16$
Peak wavelength: $\lambda_p=450.4$ nm FWHM: $\Delta\lambda_p=22.2$ nm Color ratio: $R=19.87\%$ $G=77.00\%$ $B=3.13\%$

Color rendering index (Ra): $Ra=83.2$

$R1=81.3$ $R2=88.8$ $R3=95.0$ $R4=82.7$ $R5=81.5$ $R6=84.8$ $R7=86.5$ $R8=64.7$
 $R9=8.0$ $R10=73.9$ $R11=82.2$ $R12=61.9$ $R13=83.8$ $R14=97.4$ $R15=74.8$

Optical Parameter

Luminous flux: 845.498 lm luminous efficiency: 103.11 lm/w Radiant flux: 2.5504 W

Electrical Parameter

Voltage: 230.3 V Current: 0.046 A Watts: 8.20 W Power factor: 0.765

MEASUREFINE

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