



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

Spectral test report for lamp

Product type : APLIQUE
Product No. : L5077-B (BN)
Manufacturer : BLED

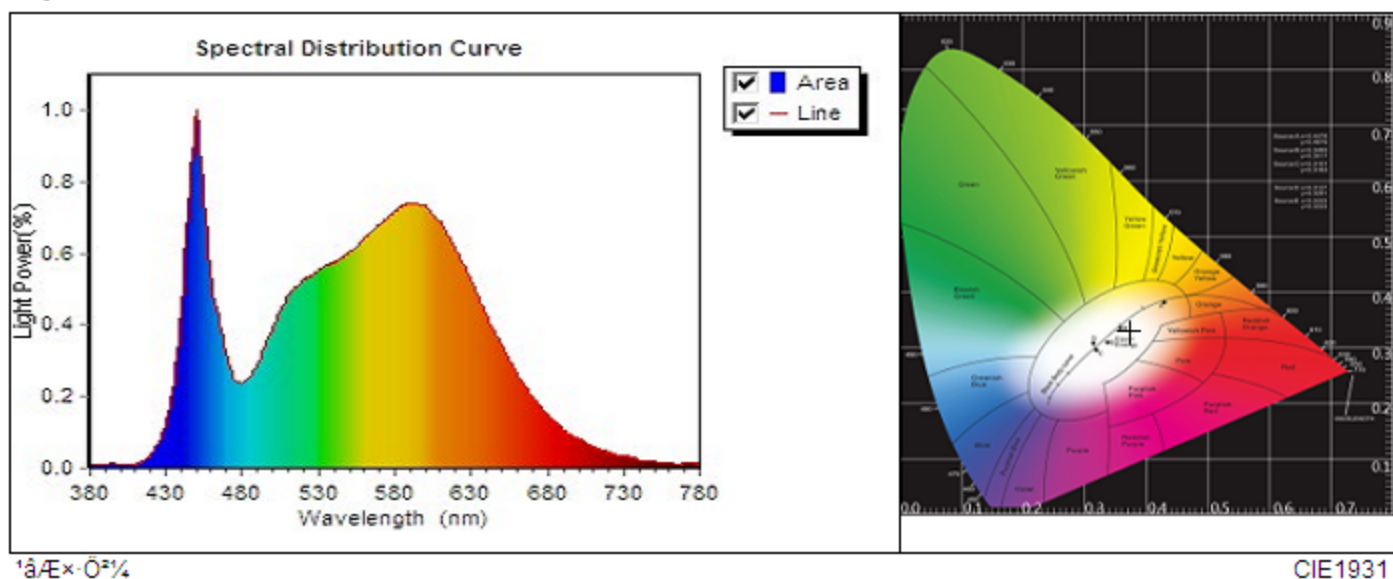
Test date. : 2024-07-29
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 48566 (74.1%)
Integral time. : 162ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3668$ $y=0.3681$ $u=0.2195$ $v=0.3304$ ($duv=0.0001$)
Color temperature: $TC=4337$ K Color difference: $SDCM=6.2$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.207$
Peak wavelength: $\lambda_p=449.8$ nm FWHM: $\Delta\lambda_p=19.1$ nm Color ratio: $R=18.81\%$ $G=77.61\%$ $B=3.58\%$

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

$R1=81.4$ $R2=89.1$ $R3=94.6$ $R4=82.6$ $R5=81.9$ $R6=84.7$ $R7=86.0$ $R8=64.5$
 $R9=5.3$ $R10=74.3$ $R11=82.2$ $R12=62.0$ $R13=84.1$ $R14=97.3$ $R15=75.1$

Optical Parameter

Luminous flux: 1746.434 lm luminous efficiency: 97.02 lm/w Radiant flux: 5.3289 W

Electrical Parameter

Voltage: 230.0 V Current: 0.122 A Watts: 18.00 W Power factor: 0.638

MEASUREFINE

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