



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-N (BF)
Manufacturer : BLED

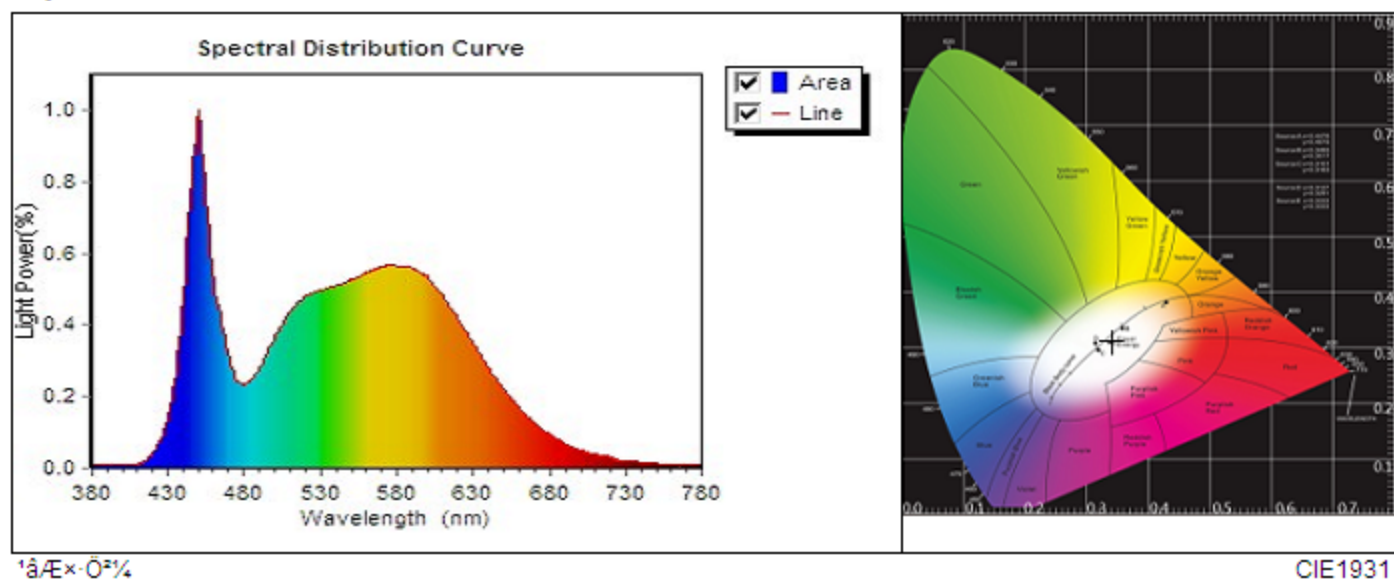
Test date. : 2024-07-29
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51410 (78.4%)
Integral time. : 162ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3358$ $y=0.3518$ $u=0.2051$ $v=0.3223$ ($duv=0.0040$)
Color temperature: $TC=5366$ K Color difference: $SDCM=4.8$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.287$
Peak wavelength: $\lambda_p=449.7$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=15.87\%$ $G=79.85\%$ $B=4.28\%$

Color rendering index (Ra): $Ra=81.2$

$R1=78.8$ $R2=86.5$ $R3=92.2$ $R4=81.1$ $R5=80.3$ $R6=81.7$ $R7=85.0$ $R8=63.1$
 $R9=7.1$ $R10=68.7$ $R11=80.9$ $R12=62.3$ $R13=81.5$ $R14=96.0$ $R15=72.4$

Optical Parameter

Luminous flux: 1538.187 lm luminous efficiency: 83.6 lm/w Radiant flux: 4.7434 W

Electrical Parameter

Voltage: 230.0 V Current: 0.126 A Watts: 18.40 W Power factor: 0.634

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