BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B2121RGB (R)
Manufacturer : BLED

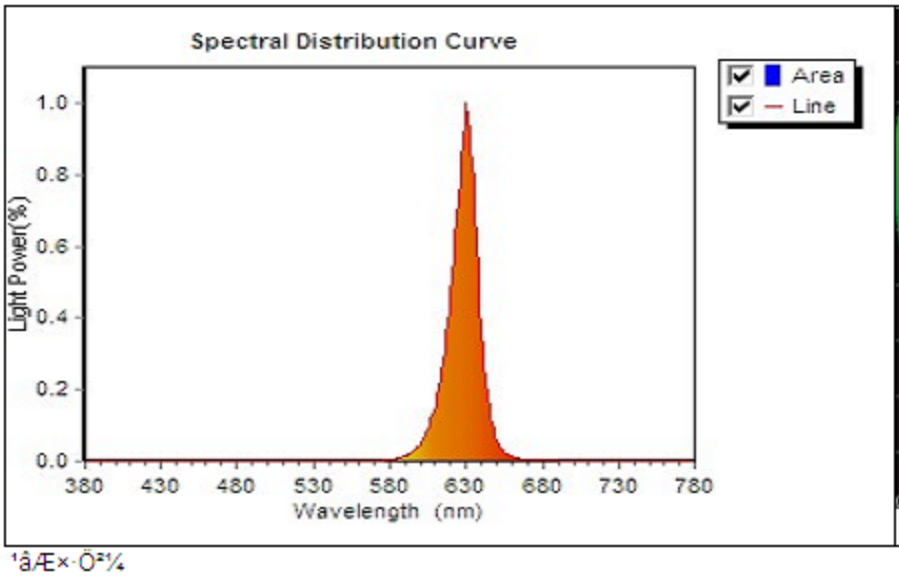
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

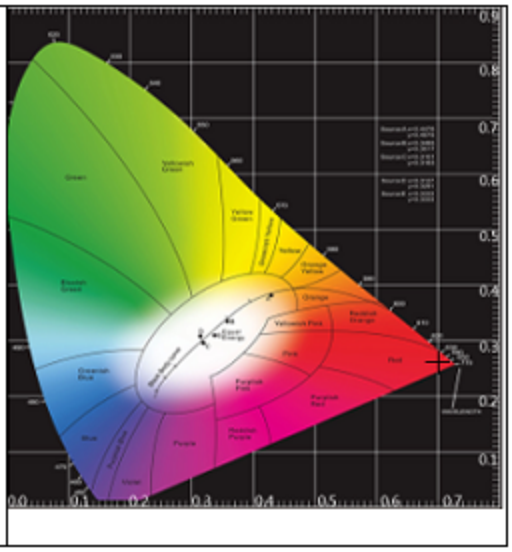
Test Condition

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

Humidity : 65%
Peak AD. : 48728 (74.4%)
Integral time. : 176ms

Spectral Parameter





¹âÆ×·Ö²¼ CIE1931

CIE Color Parameter

Chromaticity coordinates:x=0.6911 y=0.3061 u=0.5225 v=0.3471 (duv=-0.0747)
Color temperature:TC=1000 K Color difference:SDCM=189.9 Main Wavelength:?d=-493.92nm Purity:Purity=0.622
Peak wavelength:?p=630.3 nm FWHM:??p=17.3 nm Color ratio:R=95.80% G=4.15% B=0.04%

Color rendering index (Ra):Ra=22.6
R1=16.1 R2=81.9 R3=36.7 R4=-11.8 R5=13.5 R6=93.3 R7=10.4 R8=-59.4
R9=-203.7 R10=76.9 R11=4.5 R12=75.7 R13=46.6 R14=64.1 R15=-24.2

Optical Parameter

Luminous flux: 197.485 lm luminous efficiency: lm/w Radiant flux: 0.9689 W

Electrical Parameter

Voltage: Current: Watte: Power factor: