BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

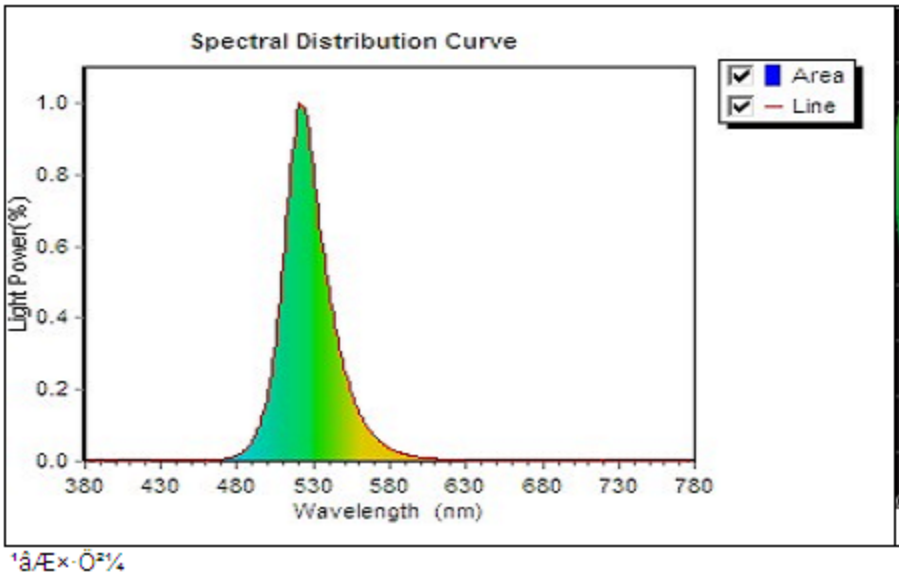
Test date. : 2024-04-25
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

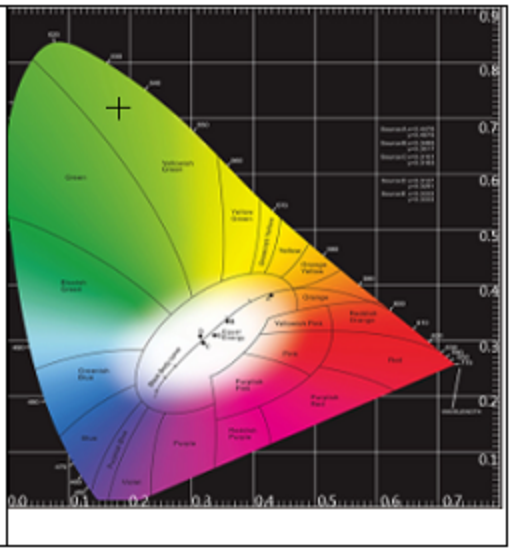
Test Condition

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

Humidity : 65%
Peak AD. : 48505 (74.0%)
Integral time. : 176ms

Spectral Parameter





¹âÆ×·Ö²¼ CIE1931

CIE Color Parameter

Chromaticity coordinates:x=0.1799 y=0.7307 u=0.0631 v=0.3843 (duv=0.1554)
Color temperature:TC=7634 K Color difference:SDCM=279.2 Main Wavelength:?d=506.04nm Purity:Purity=0.81
Peak wavelength:?p=522.1 nm FWHM:??p=30.0 nm Color ratio:R=0.41% G=98.71% B=0.88%

Color rendering index (Ra):Ra=-22.6
R1=-34.8 R2=-8.2 R3=-20.6 R4=-60.4 R5=-9.4 R6=-15.6 R7=-1.9 R8=-30.4
R9=-358.2 R10=-107.0 R11=-91.3 R12=-34.6 R13=-36.9 R14=39.6 R15=-32.9

Optical Parameter

Luminous flux: 631.168 lm luminous efficiency: lm/w Radiant flux: 1.2464 W

Electrical Parameter

Voltage: Current: Watte: Power factor: