BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1220-BF
Manufacturer : BLED

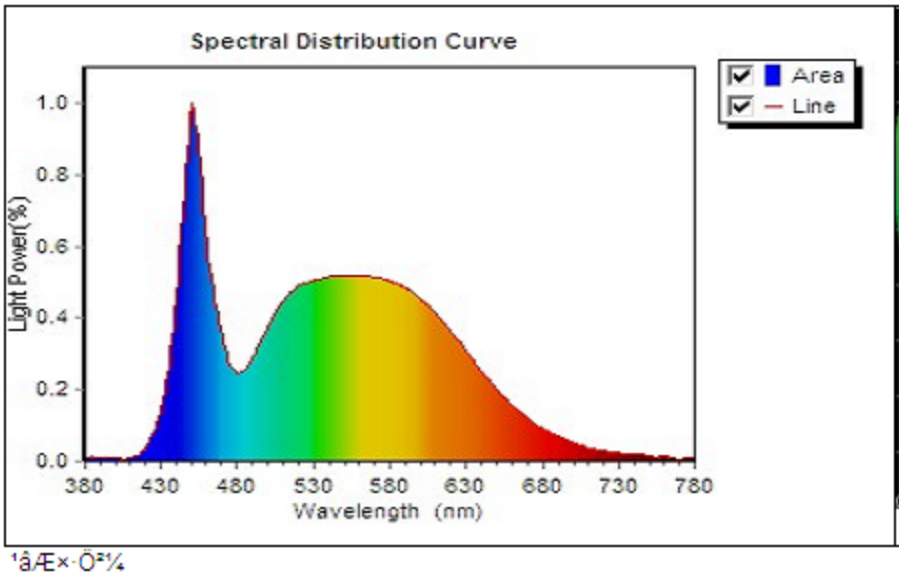
Test date. : 2022-04-11
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

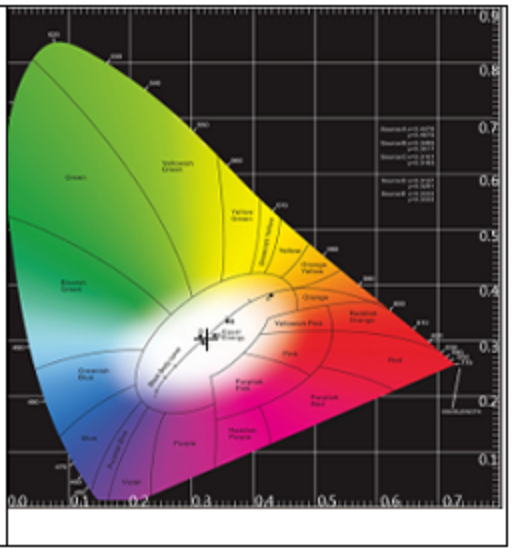
Test Condition

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

Humidity : 65%
Peak AD. : 51815 (79.1%)
Integral time. : 280ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.3191 y=0.3444 u=0.1965 v=0.3182 (duv=0.0078)
Color temperature:TC=6100 K Color difference:SDCM=4.5 Main Wavelength:?d=484.08nm Purity:Purity=0.329
Peak wavelength:?p=450.8 nm FWHM:??p=22.2 nm Color ratio:R=14.51% G=80.71% B=4.78%

Color rendering index (Ra):Ra=81.7
R1=78.8 R2=86.1 R3=91.5 R4=81.3 R5=80.0 R6=81.1 R7=87.7 R8=67.0
R9=-1.6 R10=67.6 R11=80.4 R12=57.9 R13=81.6 R14=95.6 R15=73.1

Optical Parameter

Luminous flux: 782.369 lm luminous efficiency:87.91 lm/w Radiant flux: 2.4671 W

Electrical Parameter

Voltage: 230.6 V Current: 0.041 A Watte: 8.90 W Power factor: 0.931