BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

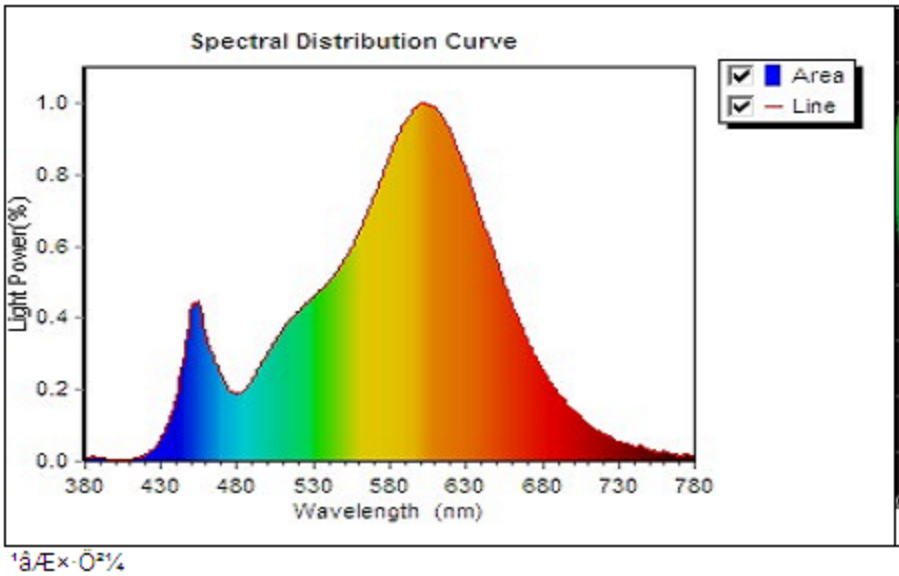
Test date. : 2022-04-11
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

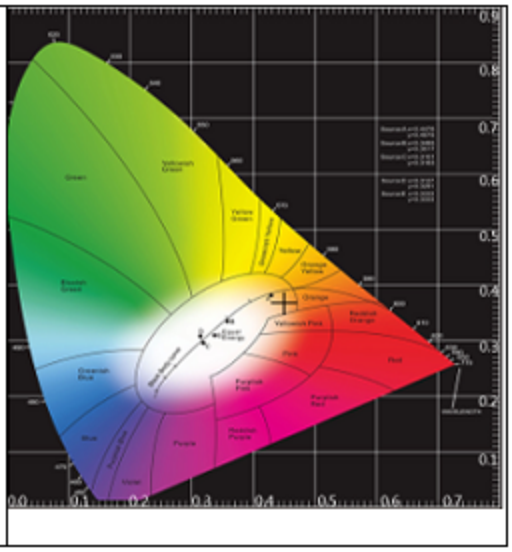
Test Condition

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

Humidity : 65%
Peak AD. : 44538 (68.0%)
Integral time. : 327ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.4447 y=0.4051 u=0.2551 v=0.3486 (duv=-0.0006)
Color temperature:TC=2882 K Color difference:SDCM=2.4 Main Wavelength:?d=479.04nm Purity:Purity=0.008
Peak wavelength:?p=601.6 nm FWHM:??p=115.5 nm Color ratio:R=25.49% G=72.21% B=2.30%

Color rendering index (Ra):Ra=81.5
R1=80.1 R2=91.8 R3=94.3 R4=78.9 R5=80.7 R6=90.6 R7=80.3 R8=54.9
R9=0.8 R10=81.8 R11=78.4 R12=74.1 R13=83.7 R14=97.5 R15=71.8

Optical Parameter

Luminous flux: 722.269 lm luminous efficiency:87.02 lm/w Radiant flux: 2.1906 W

Electrical Parameter

Voltage: 230.6 V Current: 0.039 A Watte: 8.30 W Power factor: 0.910