BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : LYC-687-46-B
Manufacturer : BLED

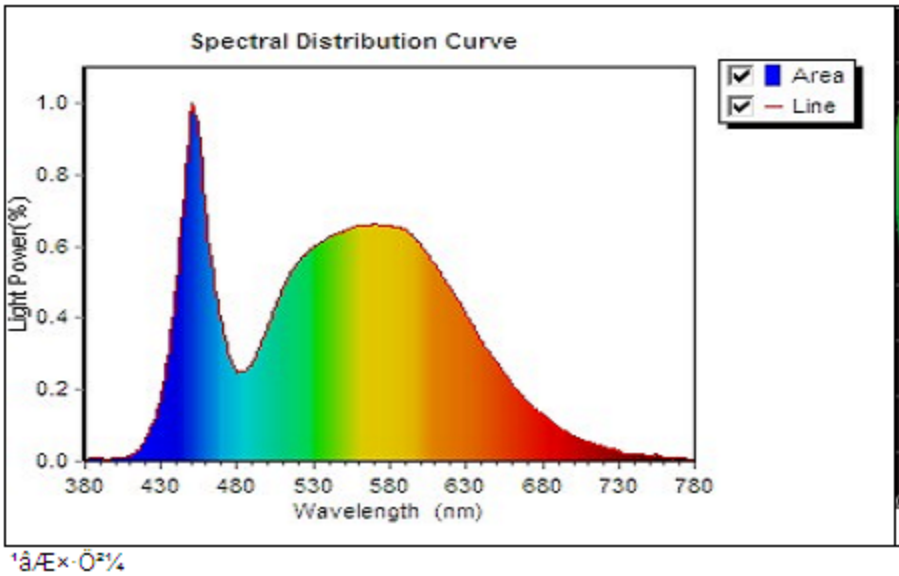
Test date. : 2024-04-19
Test equipment : SPEC2000A Spectrometer
Opertor. : SANTIAGO

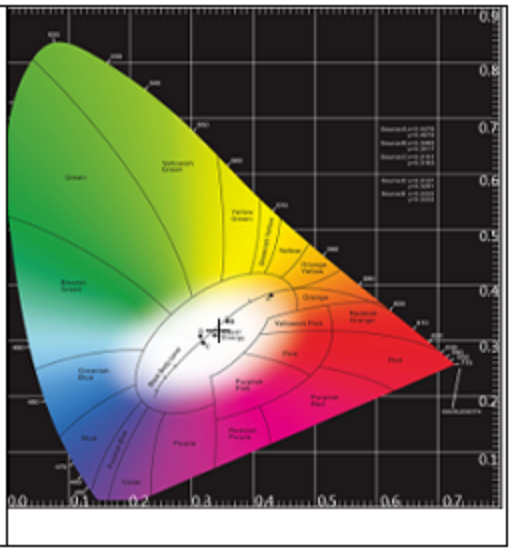
Test Condition

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

Humidity : 65%
Peak AD. : 51821 (79.1%)
Integral time. : 241ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.3392 y=0.3594 u=0.2045 v=0.3250 (duv=0.0063)
Color temperature:TC=5246 K Color difference:SDCM=5.2 Main Wavelength:?d=484.01nm Purity:Purity=0.272
Peak wavelength:?p=451.4 nm FWHM:??p=23.8 nm Color ratio:R=15.63% G=80.41% B=3.96%

Color rendering index (Ra):Ra=79.1
R1=76.3 R2=84.4 R3=90.2 R4=78.5 R5=77.3 R6=78.5 R7=85.3 R8=62.3
R9=-10.0 R10=63.0 R11=76.8 R12=56.9 R13=79.0 R14=94.7 R15=70.3

Optical Parameter

Luminous flux: 1160.575 lm luminous efficiency:43.47 lm/w Radiant flux: 3.5395 W

Electrical Parameter

Voltage: 230.5 V Current: 0.123 A Watte: 26.70 W Power factor: 0.935