BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1390-RS-CCT 4000K
Manufacturer : bled

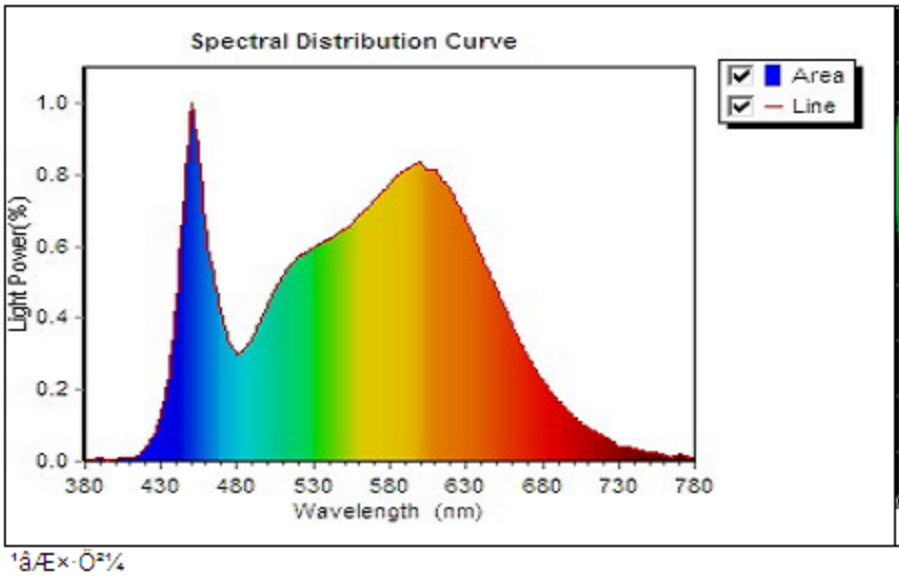
Test date. : 2024-03-20
Test equipment : SPEC2000A Spectrometer
Opertor. : ionut

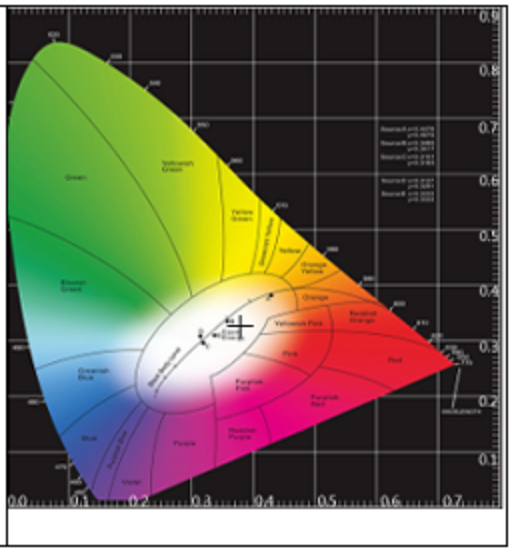
Test Condition

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

Humidity : 65%
Peak AD. : 33699 (51.4%)
Integral time. : 88ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.3746 y=0.3662 u=0.2255 v=0.3306 (duv=-0.0033)
Color temperature:TC=4086 K Color difference:SDCM=5.4 Main Wavelength:?d=483.04nm Purity:Purity=0.191
Peak wavelength:?p=450.6 nm FWHM:??p=24.0 nm Color ratio:R=20.57% G=75.66% B=3.77%

Color rendering index (Ra):Ra=88.3
R1=88.3 R2=93.9 R3=96.3 R4=87.9 R5=88.3 R6=90.4 R7=88.2 R8=73.1
R9=32.8 R10=84.8 R11=88.1 R12=70.6 R13=90.4 R14=98.4 R15=83.8

Optical Parameter

Luminous flux: 2420.645 lm luminous efficiency:103.89 lm/w Radiant flux: 7.7108 W

Electrical Parameter

Voltage: 240.4 V Current: 0.162 A Watte: 23.30 W Power factor: 0.599