BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-38W-SWITCH-CCT-B (BC)
Manufacturer : BLED

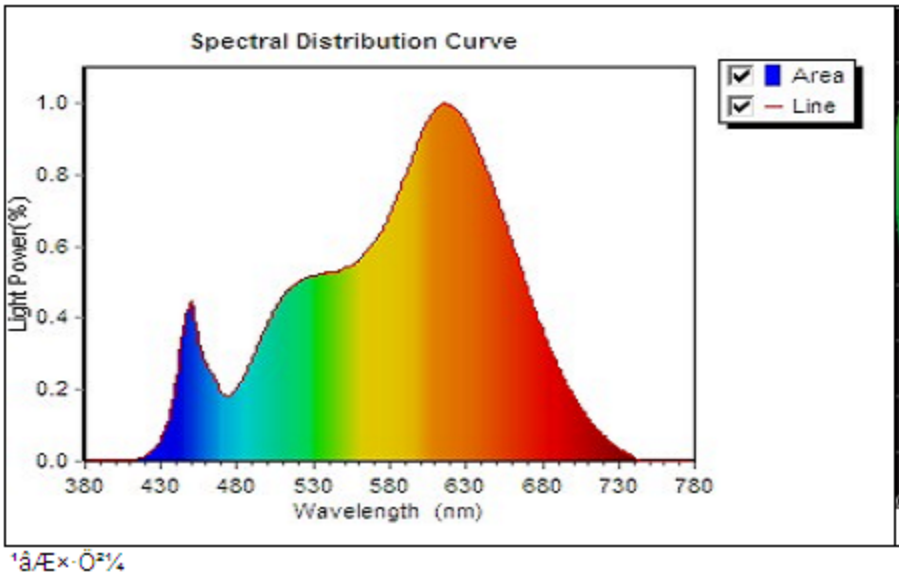
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

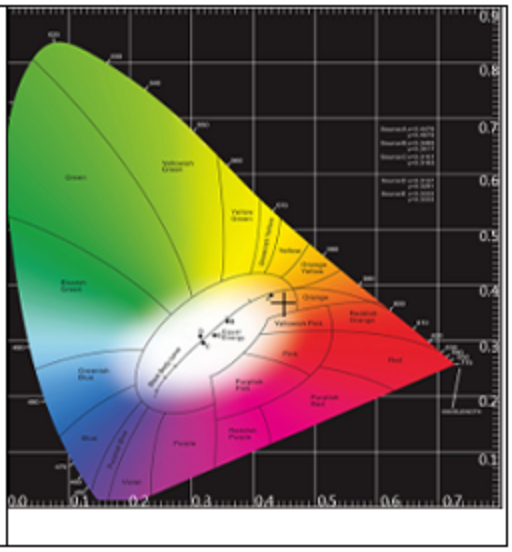
Test Condition

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

Humidity : 65%
Peak AD. : 45203 (69.0%)
Integral time. : 107ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.4428 y=0.4038 u=0.2545 v=0.3481 (duv=-0.0009)
Color temperature:TC=2901 K Color difference:SDCM=1.6 Main Wavelength:?d=480.03nm Purity:Purity=0.013
Peak wavelength:?p=615.8 nm FWHM:??p=149.6 nm Color ratio:R=27.60% G=69.85% B=2.55%

Color rendering index (Ra):Ra=95.2
R1=98.1 R2=99.4 R3=98.1 R4=98.2 R5=99.2 R6=94.9 R7=91.3 R8=82.2
R9=60.4 R10=99.4 R11=93.6 R12=92.6 R13=99.4 R14=99.3 R15=91.4

Optical Parameter

Luminous flux: 2626.21 lm luminous efficiency:88.72 lm/w Radiant flux: 8.5871 W

Electrical Parameter

Voltage: 230.4 V Current: 0.149 A Watte: 29.60 W Power factor: 0.857