BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1770-40W-CCT-M_BF
Manufacturer :

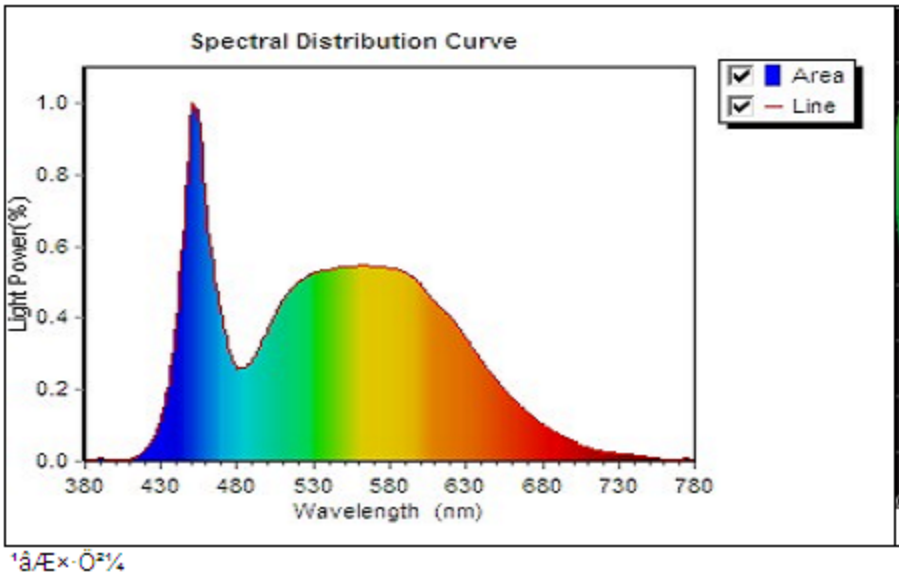
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Opertor. :

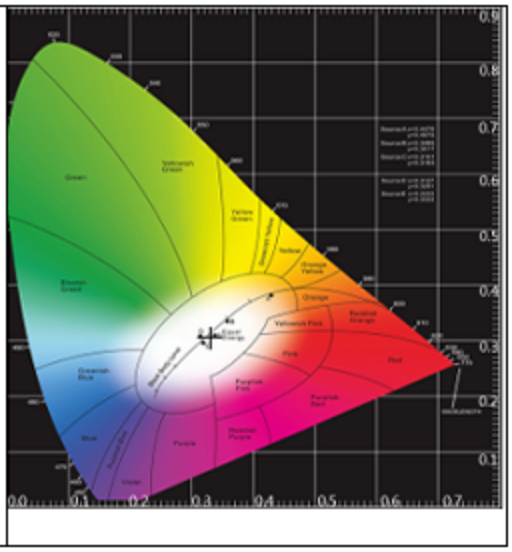
Test Condition

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

Humidity : 65%
Peak AD. : 51682 (78.9%)
Integral time. : 62ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.3252 y=0.3479 u=0.1994 v=0.3200 (duv=0.0067)
Color temperature:TC=5812 K Color difference:SDCM=4.6 Main Wavelength:?d=484.1nm Purity:Purity=0.313
Peak wavelength:?p=452.2 nm FWHM:??p=22.7 nm Color ratio:R=15.04% G=80.25% B=4.71%

Color rendering index (Ra):Ra=82.3
R1=79.7 R2=87.4 R3=92.2 R4=81.2 R5=80.4 R6=82.1 R7=87.6 R8=67.1
R9=2.2 R10=69.9 R11=80.1 R12=57.5 R13=82.7 R14=96.0 R15=74.3

Optical Parameter

Luminous flux: 3796.881 lm luminous efficiency:93.29 lm/w Radiant flux: 11.8687 W

Electrical Parameter

Voltage: 230.5 V Current: 0.180 A Watte: 40.70 W Power factor: 0.975