BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaled.com

Spectral test report for lamp

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

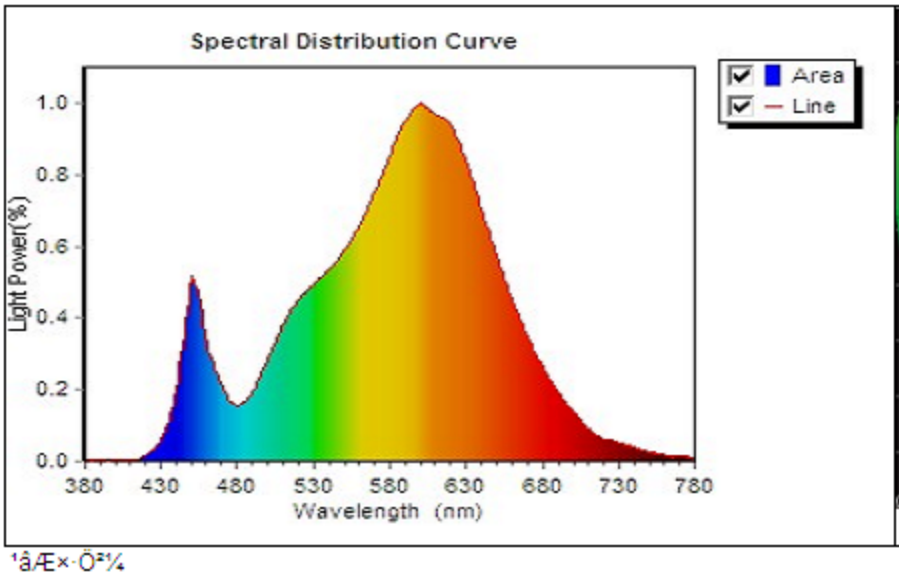
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Opertor. :

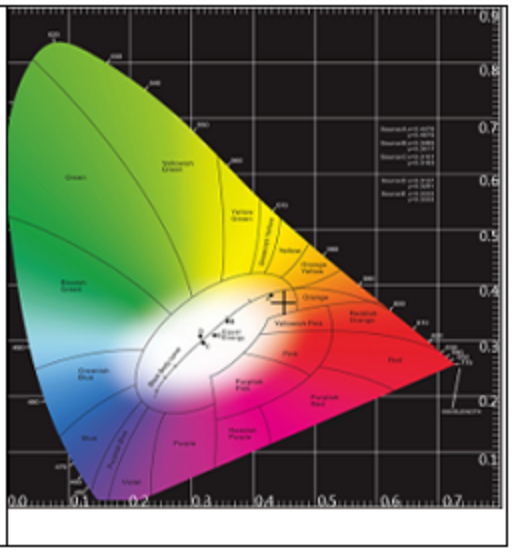
Test Condition

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

Humidity : 65%
Peak AD. : 51502 (78.6%)
Integral time. : 72ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.4429 y=0.4062 u=0.2535 v=0.3487 (duv=0.0001)
Color temperature:TC=2919 K Color difference:SDCM=1.6 Main Wavelength:?d=487.05nm Purity:Purity=0.012
Peak wavelength:?p=600.3 nm FWHM:??p=124.5 nm Color ratio:R=25.18% G=72.77% B=2.05%

Color rendering index (Ra):Ra=82.2
R1=80.6 R2=90.4 R3=96.7 R4=80.4 R5=80.6 R6=88.4 R7=82.4 R8=58.0
R9=5.2 R10=78.1 R11=80.1 R12=69.2 R13=83.7 R14=98.8 R15=72.8

Optical Parameter

Luminous flux: 4052.909 lm luminous efficiency:95.81 lm/w Radiant flux: 12.1775 W

Electrical Parameter

Voltage: 230.5 V Current: 0.190 A Watte: 42.30 W Power factor: 0.965