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

Spectral test report for lamp

Product type : T8
Product No. : B4013BN
Manufacturer : BLED

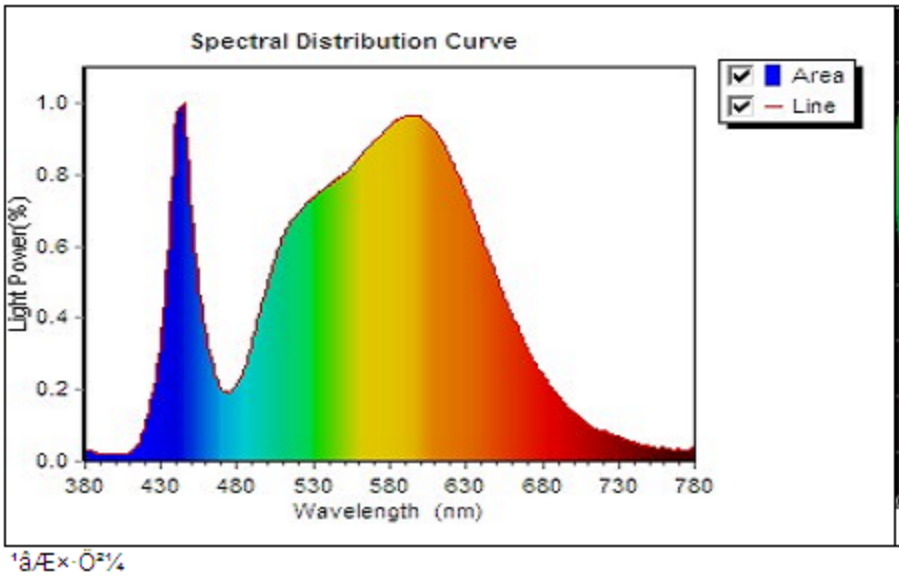
Test date. : 2021-07-22
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

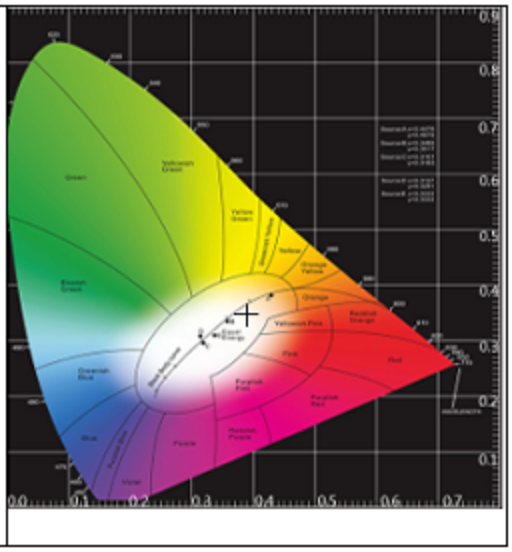
Test Condition

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

Humidity : 65%
Peak AD. : 39471 (60.2%)
Integral time. : 92ms

Spectral Parameter





¹åÆ×·Ö²¼ CIE1931

CIE Color Parameter

Chromaticity coordinates:x=0.3837 y=0.3857 u=0.2237 v=0.3373 (duv=0.0032)
Color temperature:TC=3978 K Color difference:SDCM=2.2 Main Wavelength:?d=486.07nm Purity:Purity=0.158
Peak wavelength:?p=442.9 nm FWHM:??p=20.9 nm Color ratio:R=19.57% G=77.75% B=2.69%

Color rendering index (Ra):Ra=81.6
R1=79.9 R2=85.2 R3=91.1 R4=83.3 R5=80.4 R6=81.0 R7=86.0 R8=65.7
R9=7.0 R10=66.5 R11=83.7 R12=65.6 R13=81.2 R14=95.0 R15=73.1

Optical Parameter

Luminous flux: 2595.236 lm luminous efficiency:142.6 lm/w Radiant flux: 7.9176 W

Electrical Parameter

Voltage: 230.3 V Current: 0.082 A Watte: 18.20 W Power factor: 0.955