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

# Spectral test report for lamp

Product type :
Product No. : B8150-200-5K MID
Manufacturer : bled

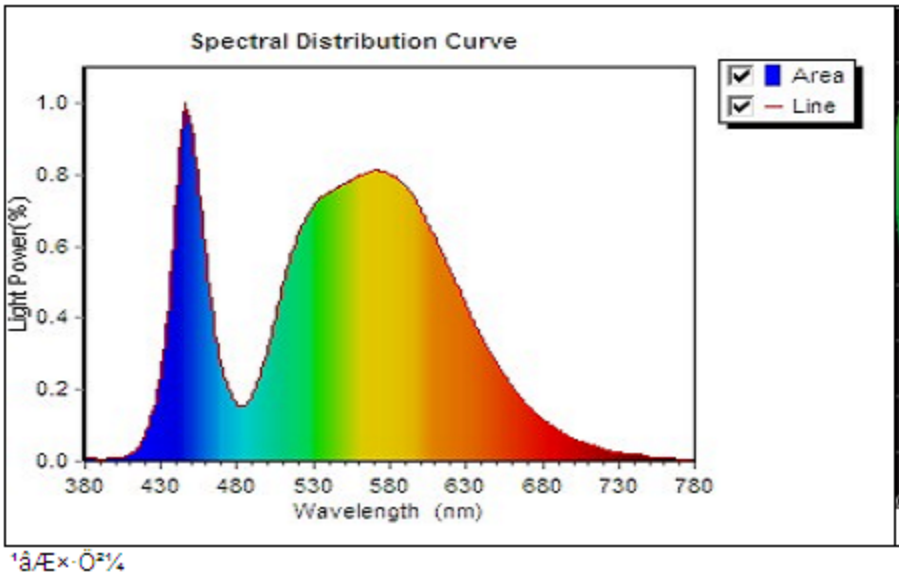
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Opertor. : ionut

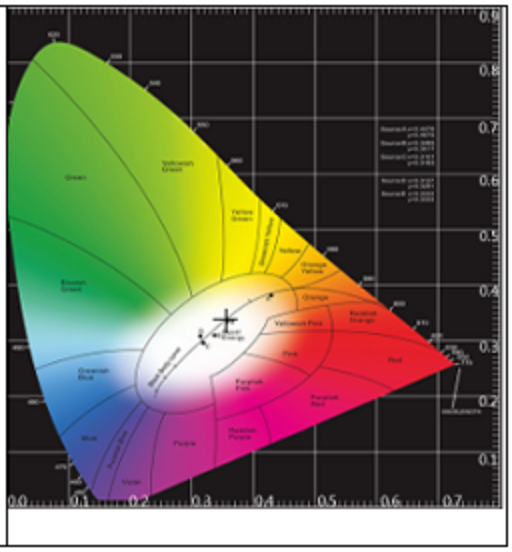
## Test Condition

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

Humidity : 65%
Peak AD. : 43768 (66.8%)
Integral time. : 11ms

## Spectral Parameter



¹åÆ×·Ö²¼ CIE1931

## CIE Color Parameter

Chromaticity coordinates:x=0.3512 y=0.3763 u=0.2062 v=0.3314 (duv=0.0096 )
Color temperature:TC=4874 K Color difference:SDCM=6.3 Main Wavelength:?d=486.04nm Purity:Purity=0.237
Peak wavelength:?p=446.5 nm FWHM:??p=24.8 nm Color ratio:R=15.04% G=82.25% B=2.71%

Color rendering index (Ra):Ra=70.7
R1=65.9 R2=75.7 R3=84.5 R4=70.5 R5=66.9 R6=67.0 R7=82.3 R8=52.5
R9=-43.9 R10=43.5 R11=66.5 R12=38.6 R13=68.7 R14=91.4 R15=58.3

## Optical Parameter

Luminous flux: 24582.15 lm luminous efficiency:155.29 lm/w Radiant flux: 69.91 W

## Electrical Parameter

Voltage: 241.5 V Current: 0.685 A Watte: 158.30 W Power factor: 0.956