



Spectral test report for lamp

Product type : TIRALED
Product No. : B1508BF
Manufacturer : BLED

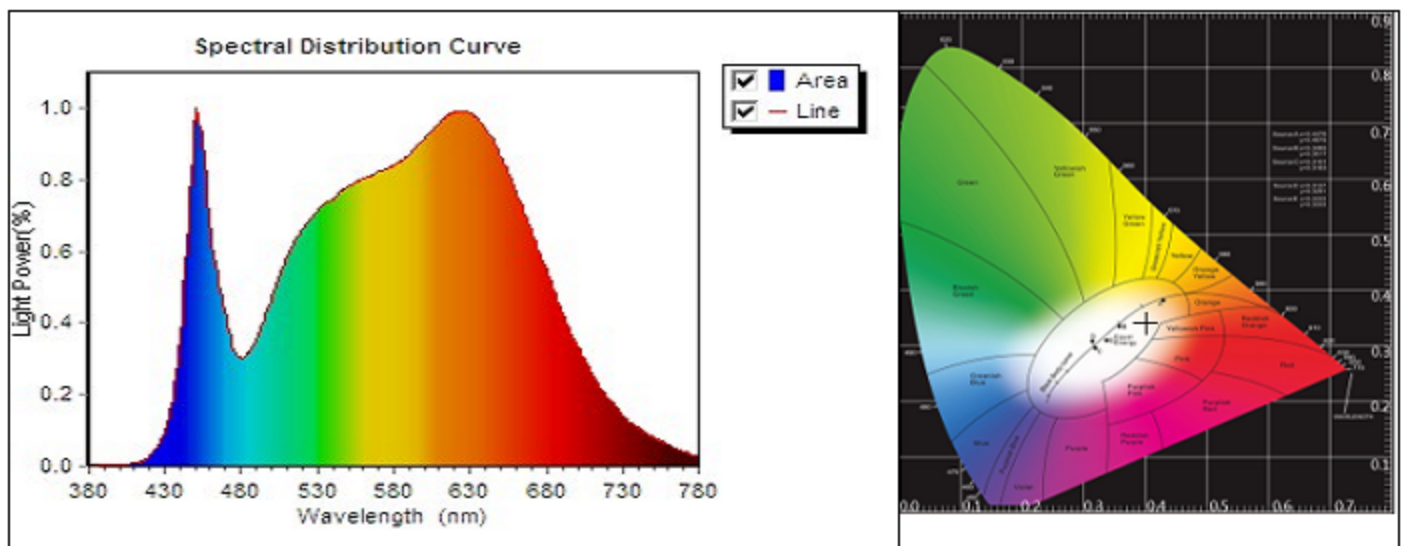
Test date. : 2023-07-28
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 40179 (61.3%)
Integral time. : 119ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3949$ $y=0.3800$ $u=0.2333$ $v=0.3368$ ($duv=-0.0024$)

Color temperature: $TC=3651$ K Color difference: $SDCM=6.7$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.135$

Peak wavelength: $\lambda_p=451.4$ nm FWHM: $\lambda_p=22.7$ nm Color ratio: $R=22.84\%$ $G=73.89\%$ $B=3.27\%$

Color rendering index (Ra): $Ra=94.7$

$R1=96.2$ $R2=96.3$ $R3=93.9$ $R4=95.1$ $R5=94.9$ $R6=93.0$ $R7=95.9$ $R8=91.9$

$R9=79.3$ $R10=89.2$ $R11=94.4$ $R12=73.7$ $R13=96.4$ $R14=95.9$ $R15=95.5$

Optical Parameter

Luminous flux: 48.882 lm Luminous efficiency: 88.55 lm/w Radiant flux: 0.1716 W

Electrical Parameter

Voltage: 12.0 V Current: 0.046 A Watte: 0.552 W Power factor: 1.000

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>