



Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-10-BF
Manufacturer : BLED

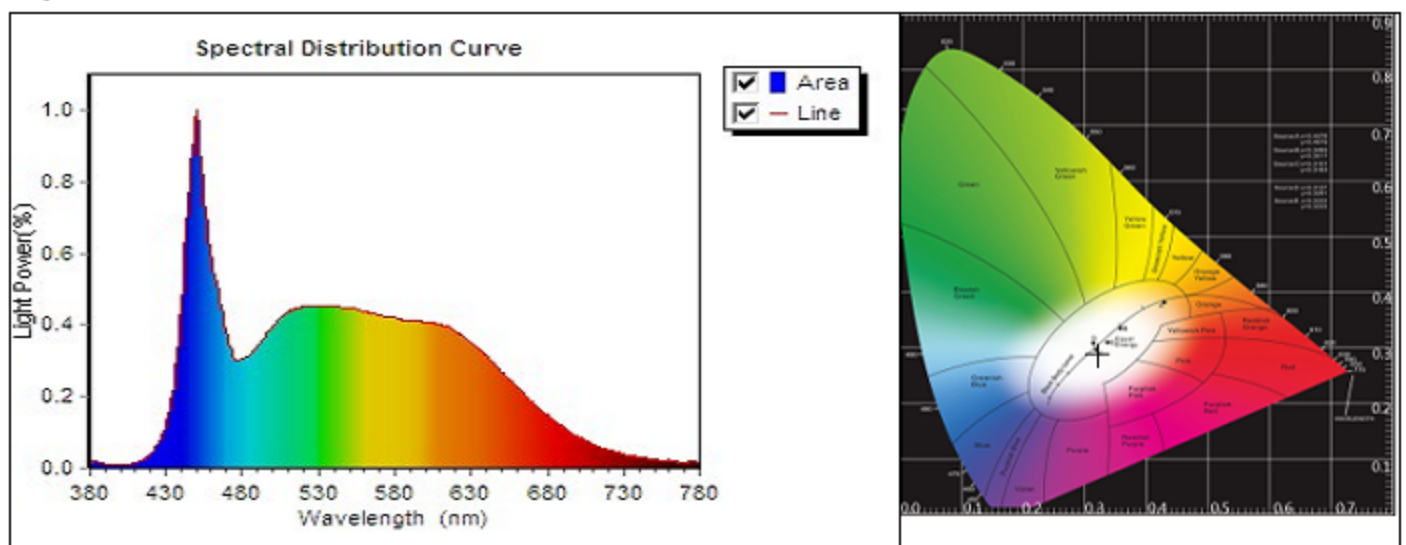
Test date. : 2020-09-02
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 52775 (80.5%)
Integral time. : 31ms

Spectral Parameter



1â€x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3165$ $y=0.3302$ $u=0.2000$ $v=0.3130$ ($duv=0.0019$)

Color temperature: $TC=6292$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.344$

Peak wavelength: $\lambda_p=449.7$ nm FWHM: $\lambda_p=23.3$ nm Color ratio: $R=16.45\%$ $G=77.83\%$ $B=5.72\%$

Color rendering index (Ra): $Ra=93.2$

$R1=93.9$ $R2=95.3$ $R3=94.6$ $R4=94.3$ $R5=93.5$ $R6=91.3$ $R7=94.6$ $R8=87.9$

$R9=64.2$ $R10=87.8$ $R11=94.4$ $R12=72.1$ $R13=95.0$ $R14=97.2$ $R15=92.3$

Optical Parameter

Luminous flux: 158.874 lm luminous efficiency: 122.59 lm/w Radiant flux: 0.5551 W

Electrical Parameter

Voltage: 23.99 V Current: 0.054 A Watte: 1.296 W Power factor: 1.000

MEASUREFINE

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