



Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-5-BF
Manufacturer : BLED

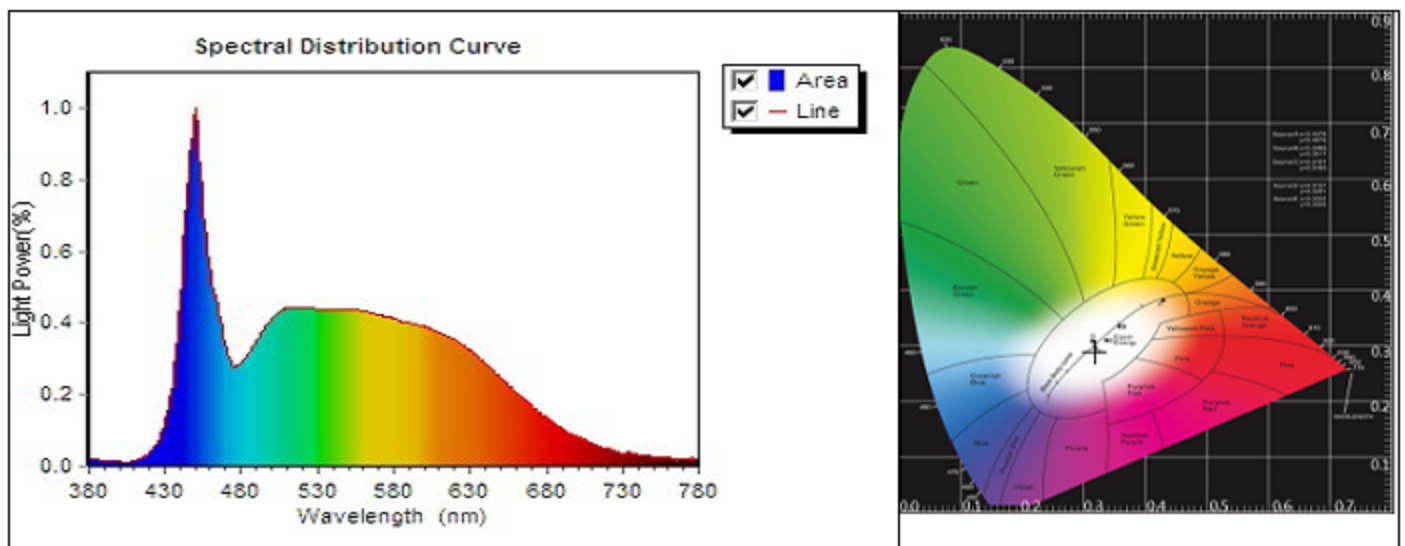
Test date. : 2020-09-02
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 32410 (49.5%)
Integral time. : 24ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3134$ $y=0.3317$ $u=0.1973$ $v=0.3132$ ($duv=0.0042$)

Color temperature: $TC=6452$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.351$

Peak wavelength: $\lambda_p=449.3$ nm FWHM: $\lambda_p=21.4$ nm Color ratio: $R=15.72\%$ $G=78.53\%$ $B=5.75\%$

Color rendering index (Ra): $Ra=91.5$

$R1=90.9$ $R2=93.7$ $R3=95.1$ $R4=92.2$ $R5=91.2$ $R6=90.1$ $R7=93.7$ $R8=84.4$

$R9=53.0$ $R10=85.1$ $R11=92.6$ $R12=70.8$ $R13=92.3$ $R14=97.7$ $R15=88.2$

Optical Parameter

Luminous flux: 119.606 lm luminous efficiency: 118.66 lm/w Radiant flux: 0.4154 W

Electrical Parameter

Voltage: 23.99 V Current: 0.042 A Watte: 1.008 W Power factor: 1.000

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