



Spectral test report for lamp

Product type : TIRALED
 Product No. : BLSCOB-24V11W-CUT-IP20-BF (10 CM)
 Manufacturer : BLED

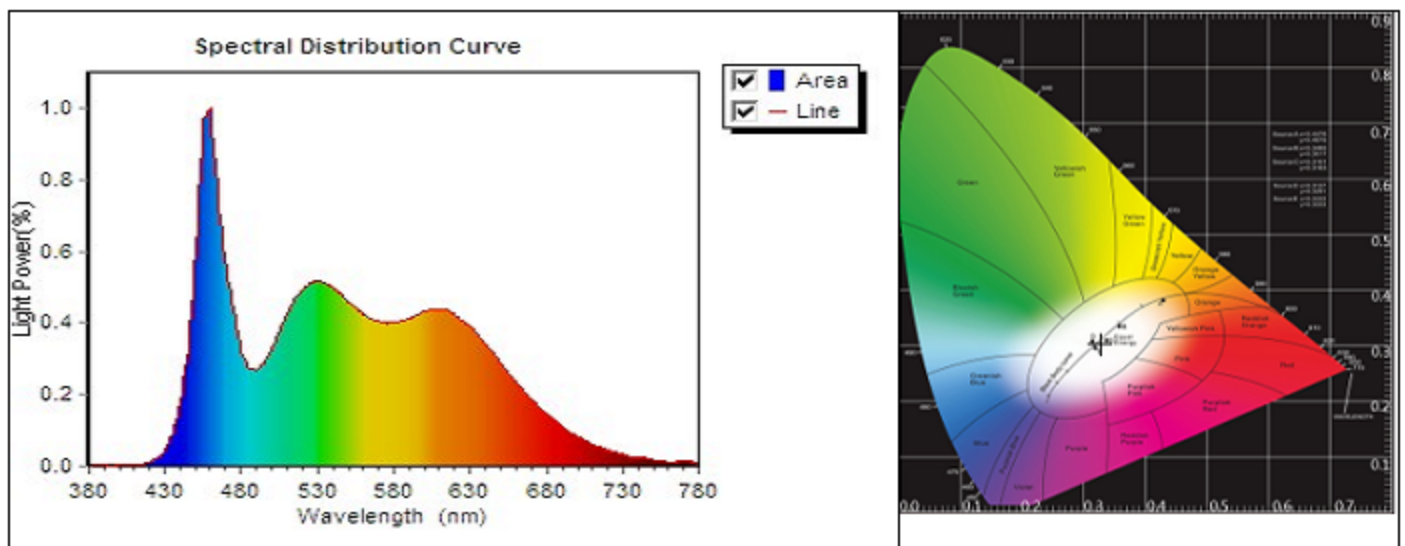
Test date. : 2024-07-31
 Test equipment : SPEC2000A Spectrometer
 Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
 Peak AD. : 46431 (70.8%)
 Integral time. : 47ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3236$ $y=0.3446$ $u=0.1995$ $v=0.3187$ ($duv=0.0059$)

Color temperature: $TC=5894$ K Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.319$

Peak wavelength: $\lambda_p=458.0$ nm FWHM: $\lambda_p=23.6$ nm Color ratio: $R=17.30\%$ $G=77.09\%$ $B=5.61\%$

Color rendering index (Ra): $Ra=93.9$

$R1=96.4$ $R2=98.5$ $R3=96.6$ $R4=92.1$ $R5=92.4$ $R6=94.3$ $R7=92.8$ $R8=88.0$

$R9=71.7$ $R10=92.9$ $R11=93.9$ $R12=63.2$ $R13=98.5$ $R14=97.8$ $R15=92.6$

Optical Parameter

Luminous flux: 85.991 lm Luminous efficiency: 49.76 lm/w Radiant flux: 0.2897 W

Electrical Parameter

Voltage: 24.0 V Current: 0.072 A Watte: 1.728 W Power factor: 1.000

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