



Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0412-24V-10M-BF(5 CMS)
Manufacturer : BLED

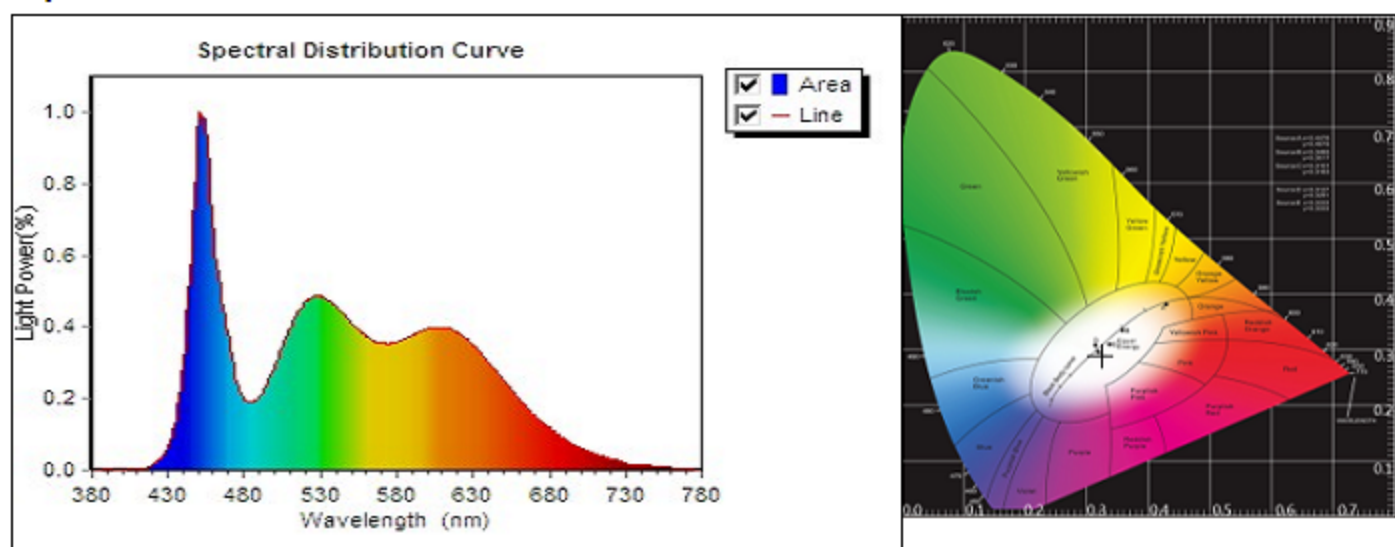
Test date. : 2024-04-29
Test equipment : SPEC2000A Spectrometer
Opertor. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56763 (86.6%)
Integral time. : 110ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3186$ $y=0.3316$ $u=0.2009$ $v=0.3137$ ($duv=0.0016$)

Color temperature: $TC=6178$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.338$

Peak wavelength: $\lambda_p=452.2$ nm FWHM: $\lambda_p=20.4$ nm Color ratio: $R=17.34\%$ $G=77.74\%$ $B=4.92\%$

Color rendering index (Ra): $Ra=93.8$

$R1=97.4$ $R2=94.7$ $R3=88.7$ $R4=95.0$ $R5=95.3$ $R6=90.2$ $R7=96.0$ $R8=92.5$

$R9=74.5$ $R10=84.4$ $R11=90.9$ $R12=62.6$ $R13=98.3$ $R14=93.1$ $R15=96.2$

Optical Parameter

Luminous flux: 42.603 lm Luminous efficiency: 88.76 lm/w Radiant flux: 0.1435 W

Electrical Parameter

Voltage: 24.0 V Current: 0.020 A Watte: 0.48 W Power factor: 1.000

MEASUREFINE

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