



Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0412-48V-20M-BF (7CM)
Manufacturer : BLED

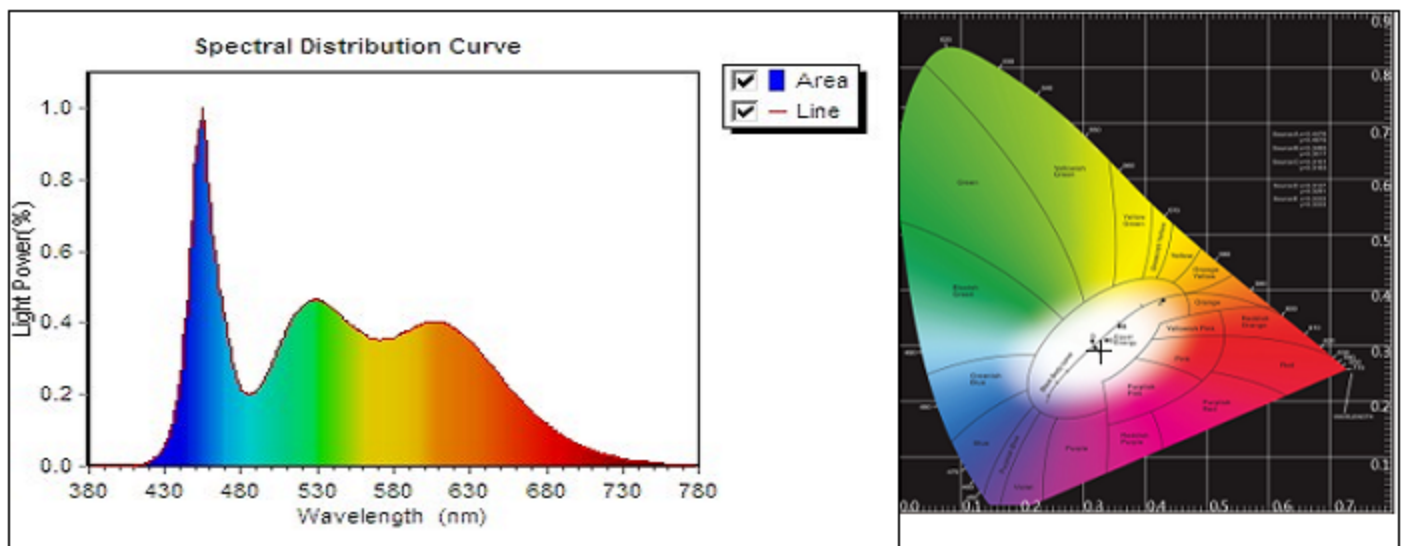
Test date. : 2024-04-29
Test equipment : SPEC2000A Spectrometer
Opertor. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 44669 (68.2%)
Integral time. : 57ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3217$ $y=0.3329$ $u=0.2026$ $v=0.3145$ ($duv=0.0008$)

Color temperature: $TC=6016$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=482.06$ nm Purity: $Purity=0.331$

Peak wavelength: $\lambda_p=453.9$ nm FWHM: $\lambda_p=19.8$ nm Color ratio: $R=17.68\%$ $G=77.20\%$ $B=5.12\%$

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

$R1=97.4$ $R2=96.5$ $R3=91.4$ $R4=97.0$ $R5=95.4$ $R6=91.7$ $R7=96.2$ $R8=91.7$

$R9=75.0$ $R10=88.6$ $R11=93.2$ $R12=63.9$ $R13=99.0$ $R14=94.6$ $R15=96.4$

Optical Parameter

Luminous flux: 64.812 lm Luminous efficiency: 84.39 lm/w Radiant flux: 0.2184 W

Electrical Parameter

Voltage: 48.0 V Current: 0.016 A Watte: 0.768 W Power factor: 1.000

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