



Spectral test report for lamp

Product type :
Product No. : B8150-150-5K HIGH
Manufacturer : bled

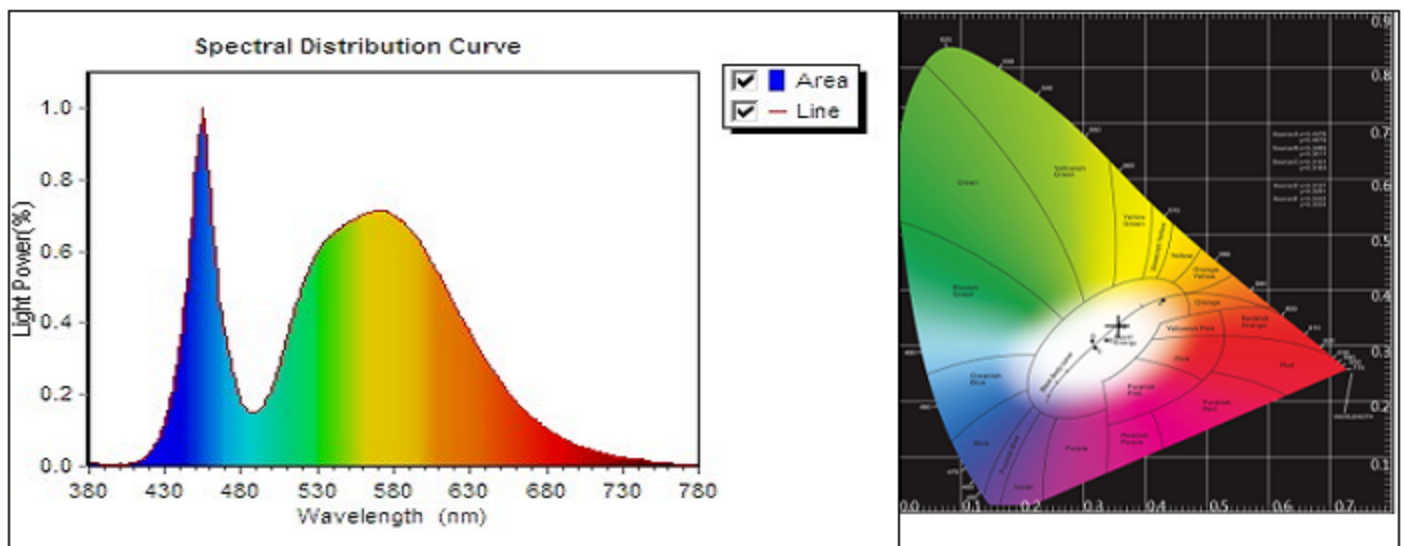
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 53621 (81.8%)
Integral time. : 13ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3512$ $y=0.3750$ $u=0.2067$ $v=0.3310$ ($duv=0.0090$)

Color temperature: $TC=4869$ K Color difference: $SDCM=5.7$ Main Wavelength: $\lambda_d=486.02$ nm Purity: $Purity=0.238$

Peak wavelength: $\lambda_p=454.4$ nm FWHM: $\lambda_p=21.0$ nm Color ratio: $R=14.96\%$ $G=81.95\%$ $B=3.09\%$

Color rendering index (Ra): $Ra=70.2$

$R1=65.1$ $R2=77.3$ $R3=86.0$ $R4=66.7$ $R5=64.9$ $R6=67.3$ $R7=83.2$ $R8=50.9$

$R9=-45.5$ $R10=45.4$ $R11=60.4$ $R12=31.8$ $R13=68.9$ $R14=92.1$ $R15=58.4$

Optical Parameter

Luminous flux: 23137.66 lm luminous efficiency: 153.94 lm/w Radiant flux: 65.676 W

Electrical Parameter

Voltage: 242.1 V Current: 0.637 A Wate: 150.30 W Power factor: 0.974

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