



Spectral test report for lamp

Product type :
Product No. : B8150-100-5K (HIGH)
Manufacturer : BLED

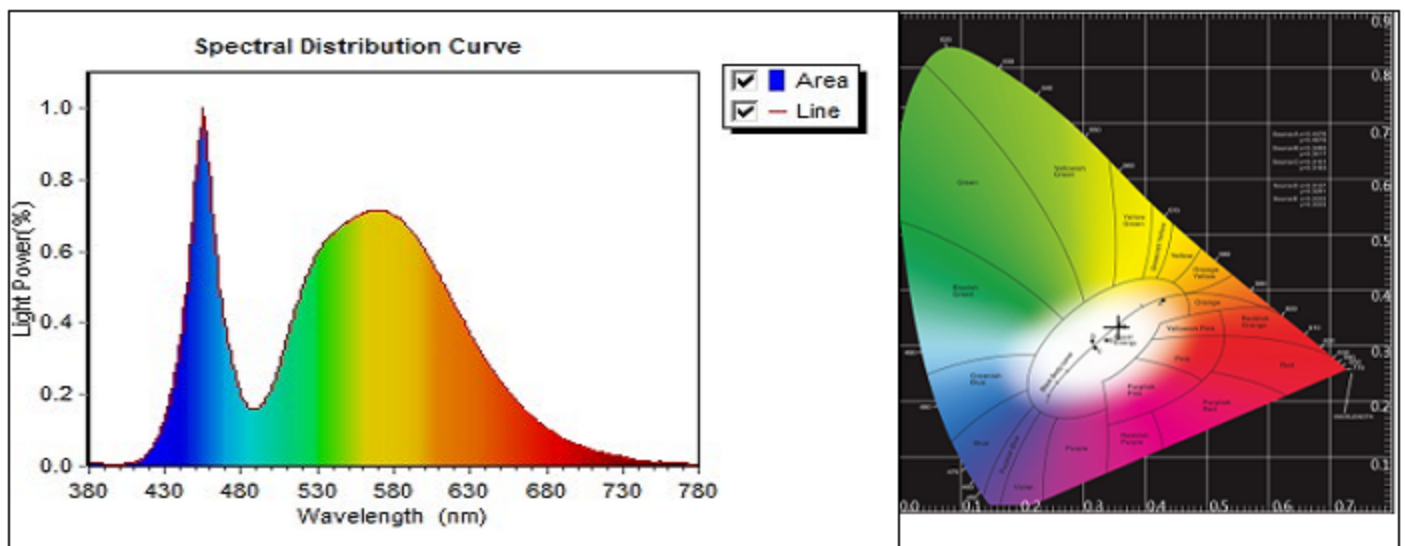
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator. : Ionut

Test Condition

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

Humidity : 65%
Peak AD. : 49143 (75.0%)
Integral time. : 17ms

Spectral Parameter



1â€¦x-0²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3497$ $y=0.3729$ $u=0.2065$ $v=0.3302$ ($duv=0.0085$)

Color temperature: $TC=4910$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.243$

Peak wavelength: $\lambda_p=454.8$ nm FWHM: $\lambda_p=20.9$ nm Color ratio: $R=14.92\%$ $G=81.86\%$ $B=3.22\%$

Color rendering index (Ra): $Ra=70.5$

$R1=65.4$ $R2=77.8$ $R3=86.4$ $R4=66.6$ $R5=65.2$ $R6=67.8$ $R7=83.2$ $R8=51.2$

$R9=-44.4$ $R10=46.4$ $R11=60.1$ $R12=32.8$ $R13=69.2$ $R14=92.3$ $R15=58.9$

Optical Parameter

Luminous flux: 15954.77 lm luminous efficiency: 154.0 lm/w Radiant flux: 45.5896 W

Electrical Parameter

Voltage: 241.2 V Current: 0.444 A Wate: 103.60 W Power factor: 0.966

MEASUREFINE

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