



Spectral test report for lamp

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

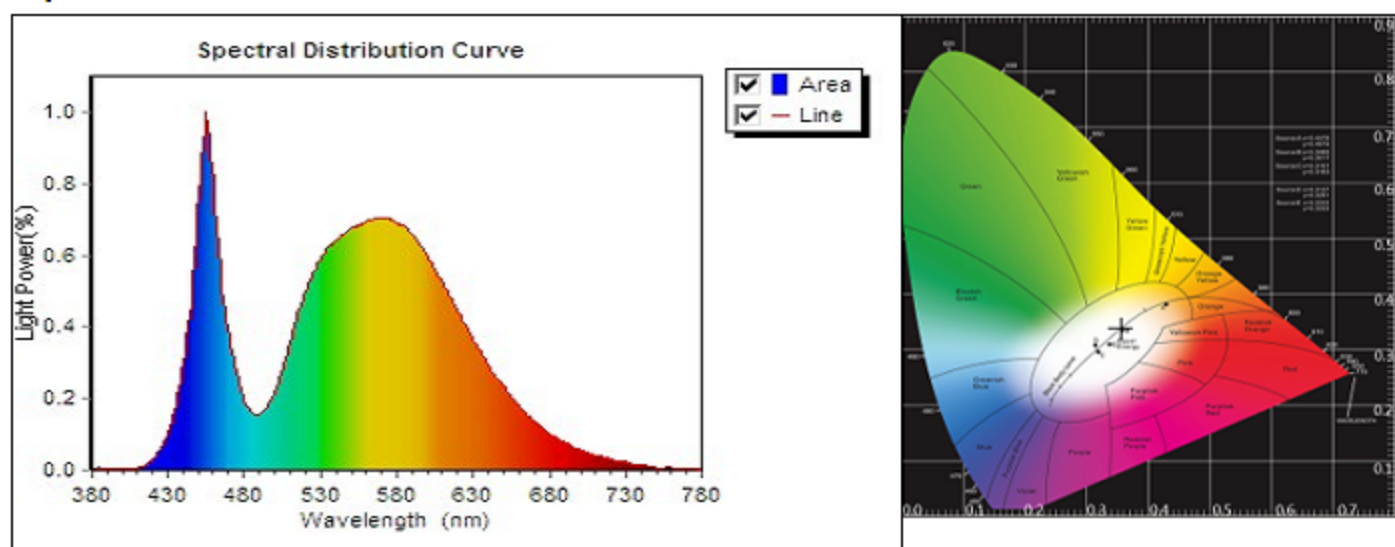
Test date. : 2024-03-11
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 34817 (53.1%)
Integral time. : 13ms

Spectral Parameter



1â€¦x-0²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3519$ $y=0.3777$ $u=0.2061$ $v=0.3319$ ($duv=0.0100$)

Color temperature: $TC=4857$ K Color difference: $SDCM=6.7$ Main Wavelength: $\lambda_d=486.05$ nm Purity: $Purity=0.234$

Peak wavelength: $\lambda_p=455.2$ nm FWHM: $\lambda_p=19.5$ nm Color ratio: $R=14.92\%$ $G=81.90\%$ $B=3.18\%$

Color rendering index (Ra): $Ra=70.4$

$R1=65.0$ $R2=77.9$ $R3=87.1$ $R4=66.1$ $R5=64.7$ $R6=68.0$ $R7=83.3$ $R8=50.4$

$R9=-46.2$ $R10=46.8$ $R11=59.8$ $R12=31.4$ $R13=69.1$ $R14=92.7$ $R15=58.1$

Optical Parameter

Luminous flux: 14234.26 lm luminous efficiency: 163.8 lm/w Radiant flux: 40.1477 W

Electrical Parameter

Voltage: 240.9 V Current: 0.381 A Wate: 86.90 W Power factor: 0.947

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