



Spectral test report for lamp

Product type :
Product No. : B1559-5-AMA
Manufacturer : bled

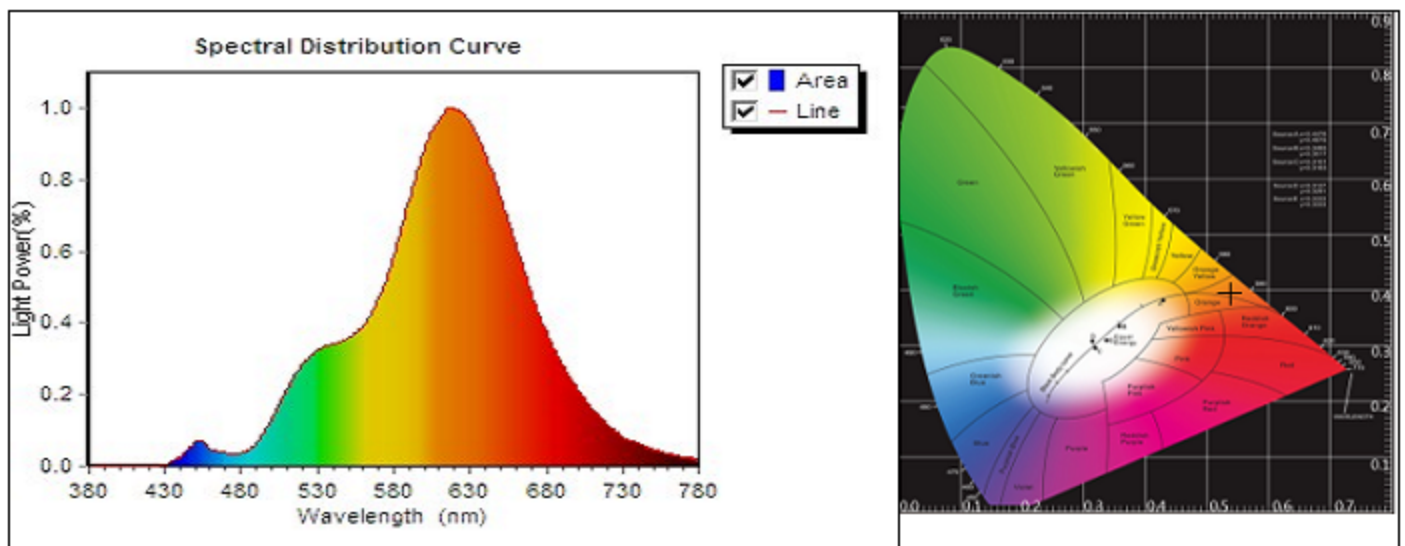
Test date. : 2024-03-14
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 48690 (74.3%)
Integral time. : 104ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.5297$ $y=0.4299$ $u=0.2984$ $v=0.3633$ ($duv=0.0049$)

Color temperature: $TC=2077$ K Color difference: $SDCM=41.7$ Main Wavelength: $\lambda_d=595.03$ nm Purity: $Purity=0.528$

Peak wavelength: $\lambda_p=617.1$ nm FWHM: $\lambda_p=95.6$ nm Color ratio: $R=35.14\%$ $G=64.17\%$ $B=0.69\%$

Color rendering index (Ra): $Ra=87.9$

$R1=87.3$ $R2=93.4$ $R3=97.8$ $R4=90.2$ $R5=87.6$ $R6=96.9$ $R7=85.3$ $R8=64.0$

$R9=23.8$ $R10=85.2$ $R11=95.1$ $R12=84.3$ $R13=90.5$ $R14=98.2$ $R15=76.3$

Optical Parameter

Luminous flux: 48.818 lm Luminous efficiency: 58.12 lm/w Radiant flux: 0.1656 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Wate: 0.84 W Power factor: 1.000

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