



Spectral test report for lamp

Product type : SUFACE LUMINARY LED
Product No. : B1324-B-BC
Manufacturer : BLED

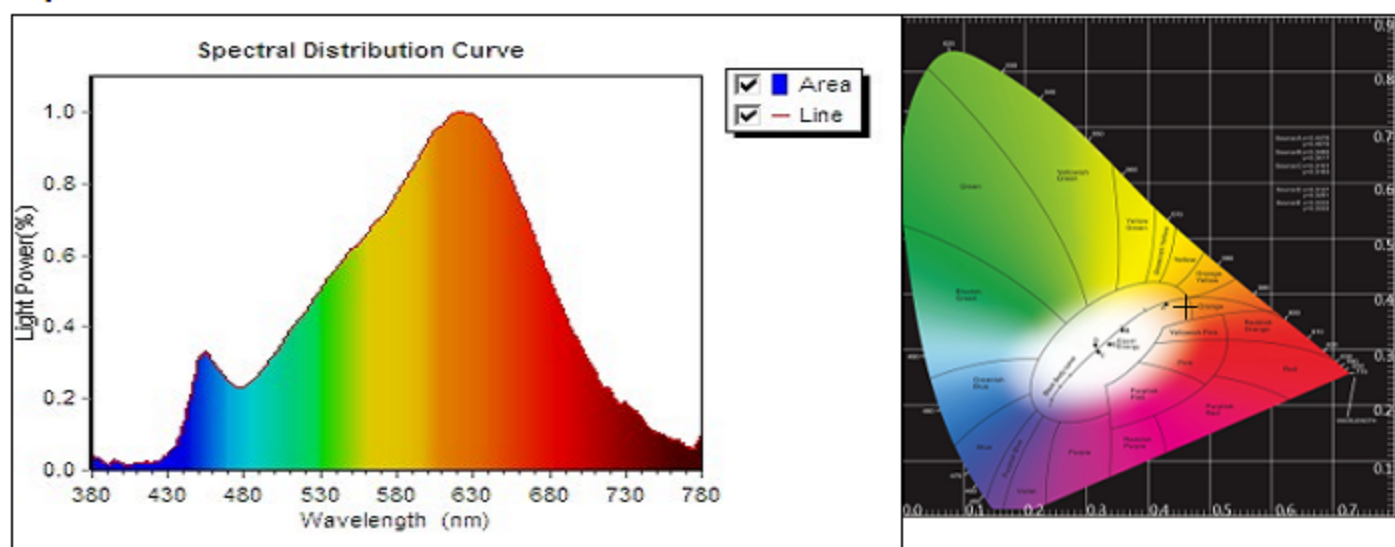
Test date. : 2023-07-06
Test equipment : SPEC2000A Spectrometer
Opertor. : BL20230302HT

Test Condition

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

Humidity : 65%
Peak AD. : 49527 (75.6%)
Integral time. : 520ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.4543$ $y=0.4142$ $u=0.2574$ $v=0.3519$ ($duv=0.0018$)

Color temperature: $TC=2807$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=577.07$ nm Purity: $Purity=0.09$

Peak wavelength: $\lambda_p=621.3$ nm FWHM: $\lambda_p=154.6$ nm Color ratio: $R=27.04\%$ $G=70.58\%$ $B=2.38\%$

Color rendering index (Ra): $Ra=92.4$

$R1=92.1$ $R2=96.1$ $R3=98.6$ $R4=91.6$ $R5=91.5$ $R6=95.4$ $R7=92.2$ $R8=81.2$

$R9=57.9$ $R10=89.5$ $R11=91.7$ $R12=81.4$ $R13=93.4$ $R14=98.4$ $R15=87.9$

Optical Parameter

Luminous flux: 596.505 lm luminous efficiency: 53.74 lm/w Radiant flux: 2.1204 W

Electrical Parameter

Voltage: 230.3 V Current: 0.086 A Watte: 11.10 W Power factor: 0.555

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