



Spectral test report for lamp

Product type :
Product No. : B5234-BACKLIGHT-BF
Manufacturer :

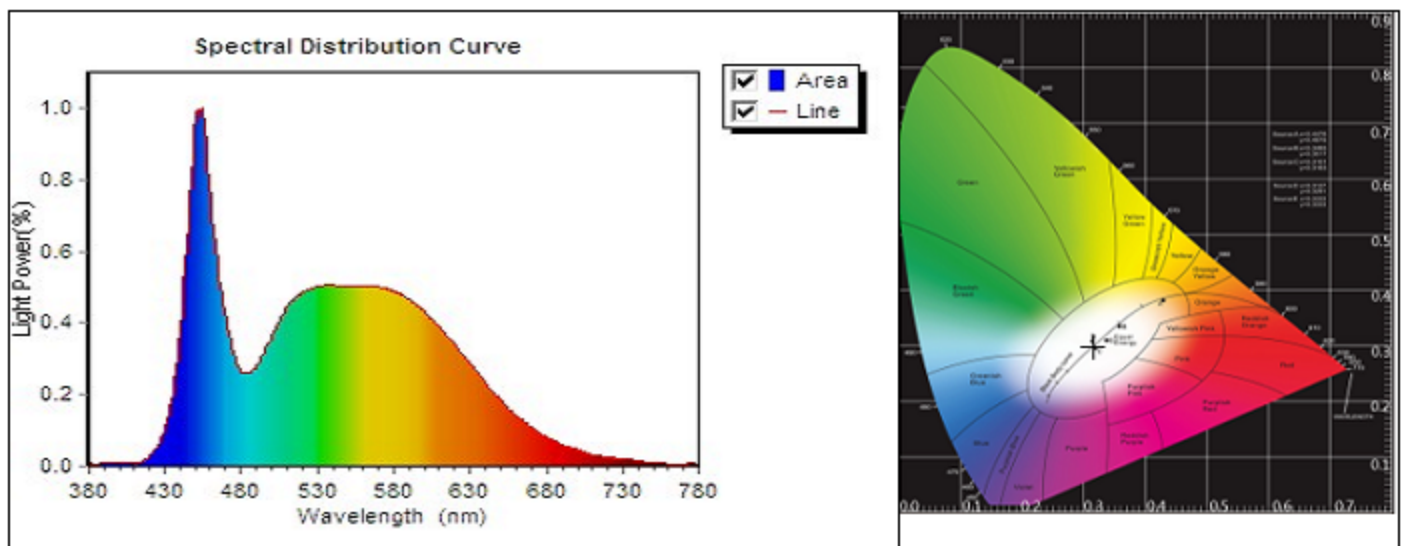
Test date. : 2024-02-14
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 55468 (84.6%)
Integral time. : 43ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3123$ $y=0.3398$ $u=0.1936$ $v=0.3160$ ($duv=0.0088$)

Color temperature: $TC=6450$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=484.03$ nm Purity: $Purity=0.347$

Peak wavelength: $\lambda_p=452.7$ nm FWHM: $\lambda_p=23.7$ nm Color ratio: $R=13.96\%$ $G=80.91\%$ $B=5.13\%$

Color rendering index (Ra): $Ra=81.5$

$R1=78.3$ $R2=86.8$ $R3=92.4$ $R4=79.6$ $R5=79.2$ $R6=81.6$ $R7=87.8$ $R8=66.1$

$R9=-4.7$ $R10=68.9$ $R11=78.6$ $R12=54.3$ $R13=81.8$ $R14=96.1$ $R15=72.4$

Optical Parameter

Luminous flux: 5506.405 lm luminous efficiency: 114.72 lm/w Radiant flux: 17.3811 W

Electrical Parameter

Voltage: 240.4 V Current: 0.209 A Wate: 48.00 W Power factor: 0.952

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