



## Spectral test report for lamp

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

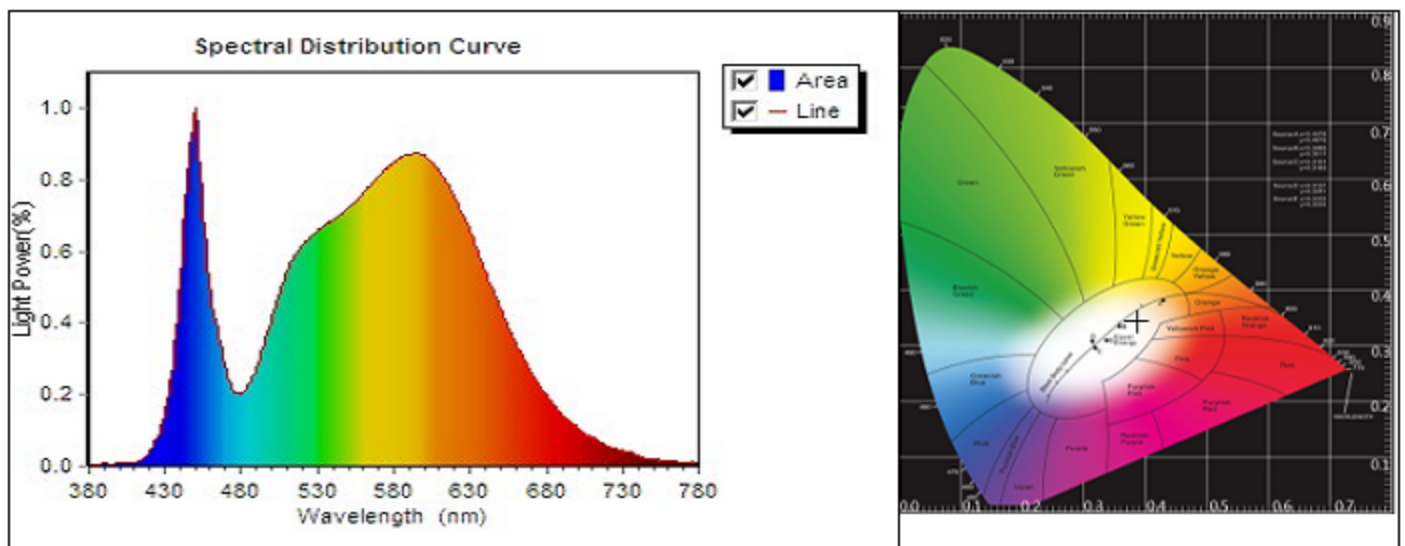
Test date. : 2024-02-14  
Test equipment : SPEC2000A Spectrometer  
Operator. :

### Test Condition

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

Humidity : 65%  
Peak AD. : 38304 (58.4%)  
Integral time. : 43ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3810$   $y=0.3830$   $u=0.2230$   $v=0.3362$  ( $duv=0.0027$ )

Color temperature:  $TC=4031$  K Color difference:  $SDCM=1.2$  Main Wavelength:  $\lambda_d=486.04$  nm Purity:  $Purity=0.166$

Peak wavelength:  $\lambda_p=449.1$  nm FWHM:  $\lambda_p=19.3$  nm Color ratio:  $R=19.38\%$   $G=77.74\%$   $B=2.88\%$

Color rendering index (Ra):  $Ra=81.6$

$R1=79.5$   $R2=86.4$   $R3=92.6$   $R4=81.9$   $R5=79.7$   $R6=81.5$   $R7=86.4$   $R8=64.0$

$R9=3.5$   $R10=68.3$   $R11=81.2$   $R12=58.7$   $R13=81.6$   $R14=95.9$   $R15=73.0$

### Optical Parameter

Luminous flux: 5597.208 lm luminous efficiency: 117.1 lm/w Radiant flux: 16.7008 W

### Electrical Parameter

Voltage: 240.4 V Current: 0.208 A Wate: 47.80 W Power factor: 0.954

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