



## Spectral test report for lamp

Product type :  
Product No. : B1559-5-ICE  
Manufacturer : BLED

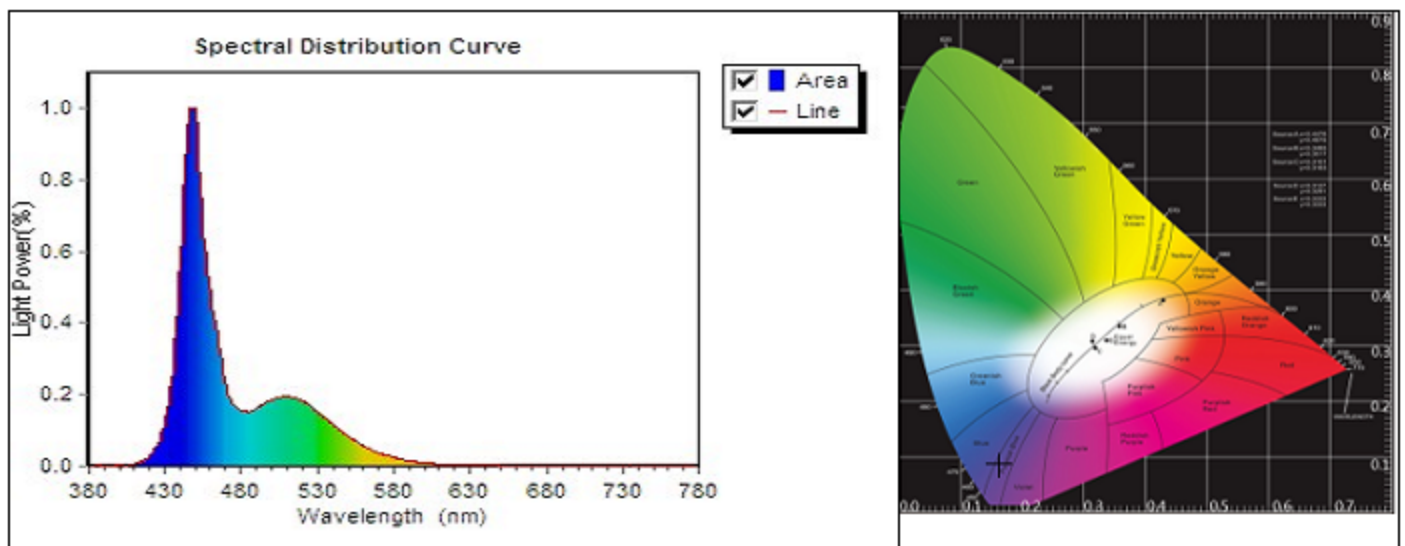
Test date. : 2024-04-09  
Test equipment : SPEC2000A Spectrometer  
Opertor. : IONUT

### Test Condition

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

Humidity : 65%  
Peak AD. : 41925 (64.0%)  
Integral time. : 10ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.1613$   $y=0.1443$   $u=0.1463$   $v=0.1964$  ( $duv=-0.0839$ )

Color temperature:  $TC=100000$  K Color difference:  $SDCM=99.4$  Main Wavelength:  $\lambda_d=477.1$  nm Purity:  $Purity=0.845$

Peak wavelength:  $\lambda_p=447.5$  nm FWHM:  $\lambda_p=19.8$  nm Color ratio:  $R=1.23\%$   $G=80.10\%$   $B=18.67\%$

Color rendering index (Ra):  $Ra=32.1$

$R1=9.7$   $R2=64.1$   $R3=35.5$   $R4=-8.4$   $R5=29.3$   $R6=55.7$   $R7=57.1$   $R8=13.1$

$R9=-242.5$   $R10=44.7$   $R11=-32.3$   $R12=54.5$   $R13=21.7$   $R14=59.8$   $R15=18.2$

### Optical Parameter

Luminous flux: 78.823 lm Luminous efficiency: 80.1 lm/w Radiant flux: 0.4894 W

### Electrical Parameter

Voltage: 24.0 V Current: 0.041 A Watte: 0.984 W Power factor: 1.000

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