



## Spectral test report for lamp

Product type : TIRA  
Product No. : BLS2835-220V8W-IP65-10M-BC  
Manufacturer :

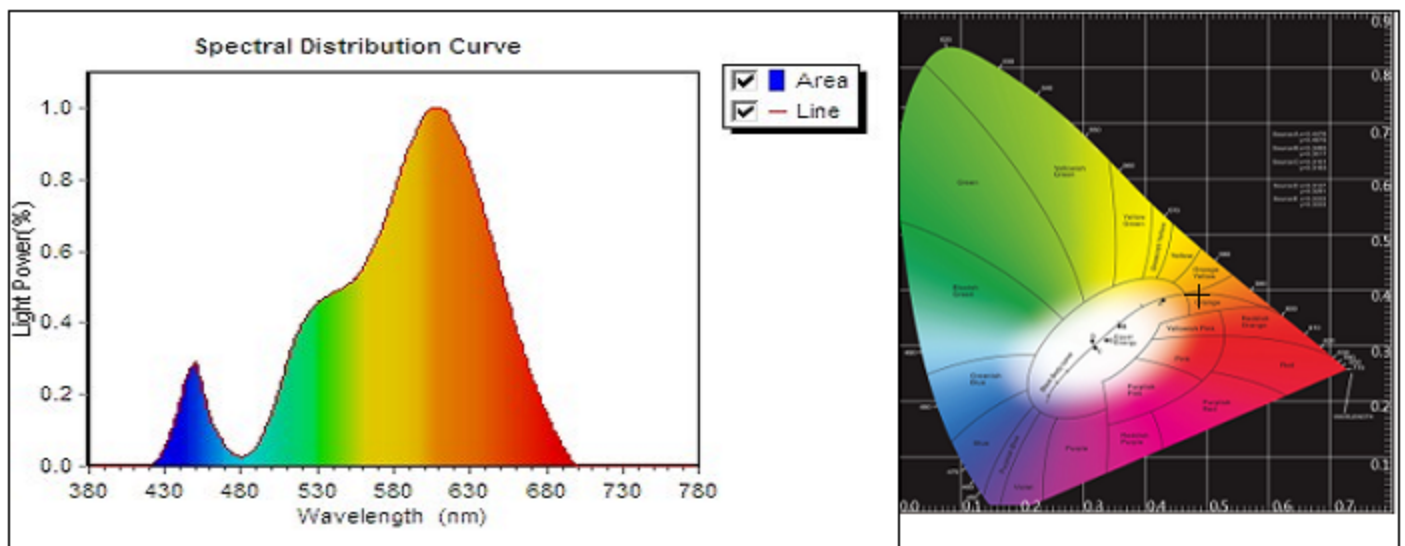
Test date. : 2025-05-14  
Test equipment : SPEC2000A Spectrometer  
Operator. : SEBASTIAN

### Test Condition

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

Humidity : 65%  
Peak AD. : 41844 (63.8%)  
Integral time. : 39ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4787$   $y=0.4260$   $u=0.2676$   $v=0.3573$  ( $duv=0.0042$ )

Color temperature:  $TC=2570$  K Color difference:  $SDCM=9.1$  Main Wavelength:  $\lambda_d=584.02$  nm Purity:  $Purity=0.336$

Peak wavelength:  $\lambda_p=607.5$  nm FWHM:  $\lambda_p=104.7$  nm Color ratio:  $R=27.95\%$   $G=71.22\%$   $B=0.82\%$

Color rendering index (Ra):  $Ra=79.1$

$R1=77.7$   $R2=86.0$   $R3=94.8$   $R4=80.2$   $R5=76.4$   $R6=83.2$   $R7=82.0$   $R8=52.3$

$R9=-9.2$   $R10=67.6$   $R11=80.9$   $R12=58.4$   $R13=80.4$   $R14=96.2$   $R15=67.5$

### Optical Parameter

Luminous flux: 5274.668 lm luminous efficiency: 54.94 lm/w Radiant flux: 14.4687 W

### Electrical Parameter

Voltage: 229.6 V Current: 0.462 A Wate: 96.00 W Power factor: 0.905

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