



## Spectral test report for lamp

Product type : PANTALLA ESTANCA  
Product No. : B8490-120BC  
Manufacturer : BLED

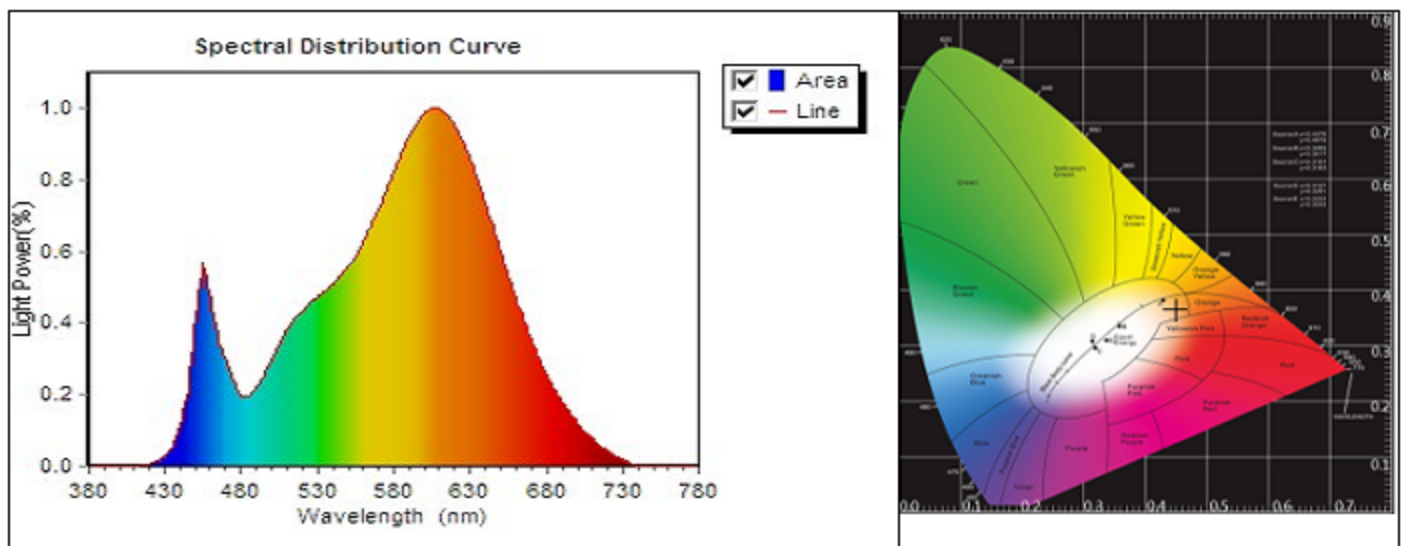
Test date. : 2025-03-24  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 55425 (84.6%)  
Integral time. : 87ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4436$   $y=0.4023$   $u=0.2556$   $v=0.3478$  ( $duv=-0.0015$ )

Color temperature:  $TC=2877$  K Color difference:  $SDCM=2.5$  Main Wavelength:  $\lambda_d=471.06$  nm Purity:  $Purity=0.014$

Peak wavelength:  $\lambda_p=606.5$  nm FWHM:  $\lambda_p=120.2$  nm Color ratio:  $R=26.13\%$   $G=71.45\%$   $B=2.42\%$

Color rendering index (Ra):  $Ra=84.6$

$R1=84.4$   $R2=94.5$   $R3=94.2$   $R4=82.4$   $R5=84.8$   $R6=93.6$   $R7=81.7$   $R8=60.5$

$R9=14.7$   $R10=87.1$   $R11=83.0$   $R12=74.7$   $R13=88.0$   $R14=97.8$   $R15=76.7$

### Optical Parameter

Luminous flux: 3657.698 lm luminous efficiency: 120.72 lm/w Radiant flux: 11.0411 W

### Electrical Parameter

Voltage: 230.5 V Current: 0.135 A Wate: 30.30 W Power factor: 0.969

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