



## Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO  
Product No. : BPT-PS40W-SQUARE-B-4K  
Manufacturer : BLED

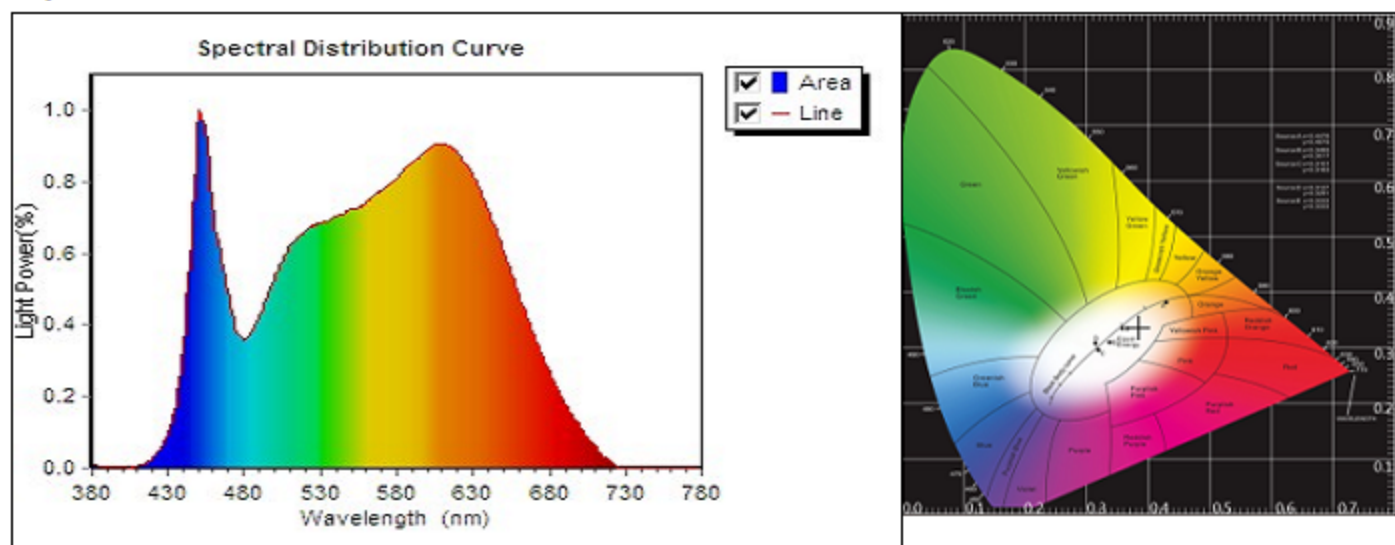
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 43711 (66.7%)  
Integral time. : 78ms

### Spectral Parameter



1â€¦x-0²%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3792$   $y=0.3756$   $u=0.2248$   $v=0.3339$  ( $duv=-0.0002$ )

Color temperature:  $TC=4025$  K Color difference:  $SDCM=2.0$  Main Wavelength:  $\lambda_d=484.04$  nm Purity:  $Purity=0.173$

Peak wavelength:  $\lambda_p=451.9$  nm FWHM:  $\lambda_p=25.0$  nm Color ratio:  $R=21.21\%$   $G=74.90\%$   $B=3.90\%$

Color rendering index (Ra):  $Ra=92.4$

$R1=92.9$   $R2=96.7$   $R3=98.1$   $R4=92.4$   $R5=92.3$   $R6=94.1$   $R7=91.5$   $R8=80.7$

$R9=52.6$   $R10=91.2$   $R11=93.8$   $R12=72.6$   $R13=94.8$   $R14=99.1$   $R15=88.6$

### Optical Parameter

Luminous flux: 3767.192 lm luminous efficiency: 92.56 lm/w Radiant flux: 11.8643 W

### Electrical Parameter

Voltage: 230.7 V Current: 0.178 A Wate: 40.70 W Power factor: 0.988

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