



## Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO  
Product No. : BPT-20W-ARQ-CCT-N (BF)  
Manufacturer : BLED

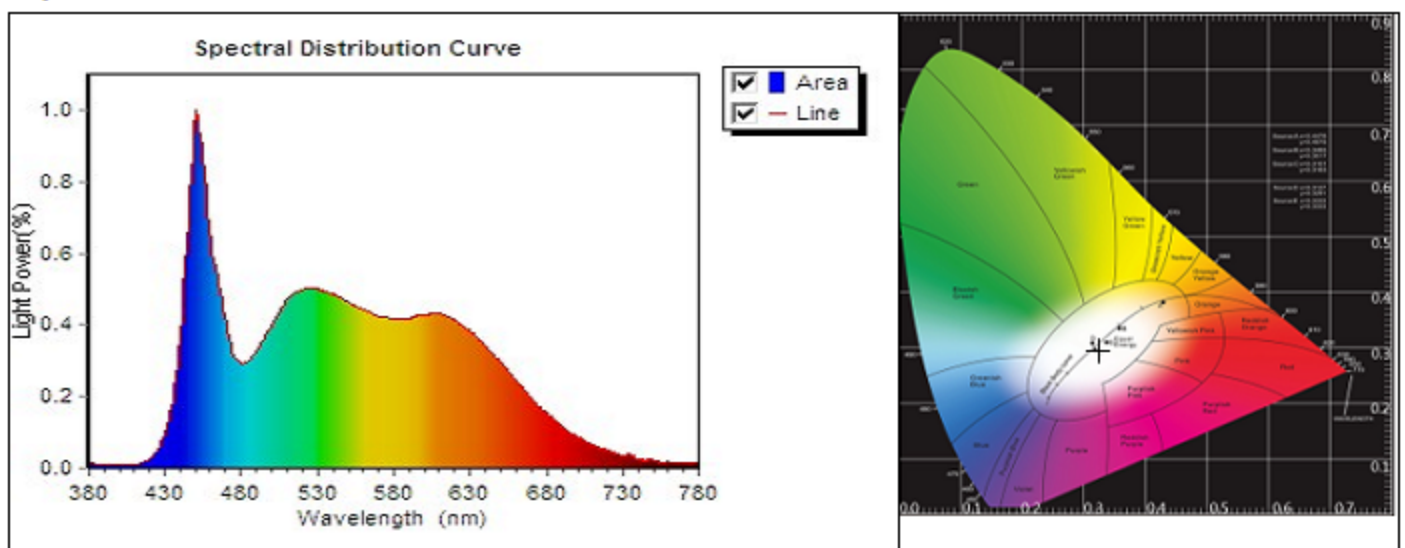
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 58160 (88.7%)  
Integral time. : 130ms

### Spectral Parameter



1â€x-0%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3196$   $y=0.3374$   $u=0.1994$   $v=0.3158$  ( $duv=0.0041$ )

Color temperature:  $TC=6104$  K Color difference:  $SDCM=1.2$  Main Wavelength:  $\lambda_d=483.07$  nm Purity:  $Purity=0.332$

Peak wavelength:  $\lambda_p=451.0$  nm FWHM:  $\lambda_p=22.9$  nm Color ratio:  $R=16.87\%$   $G=77.66\%$   $B=5.48\%$

Color rendering index (Ra):  $Ra=94.5$

$R1=95.7$   $R2=96.0$   $R3=94.5$   $R4=95.8$   $R5=94.5$   $R6=92.6$   $R7=96.1$   $R8=90.2$

$R9=70.6$   $R10=89.2$   $R11=94.5$   $R12=70.0$   $R13=96.8$   $R14=96.9$   $R15=93.5$

### Optical Parameter

Luminous flux: 1934.884 lm luminous efficiency: 96.26 lm/w Radiant flux: 6.6582 W

### Electrical Parameter

Voltage: 230.7 V Current: 0.089 A Wate: 20.10 W Power factor: 0.976

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