



## Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO  
Product No. : HPBT-40W-N-VEG  
Manufacturer : BLED

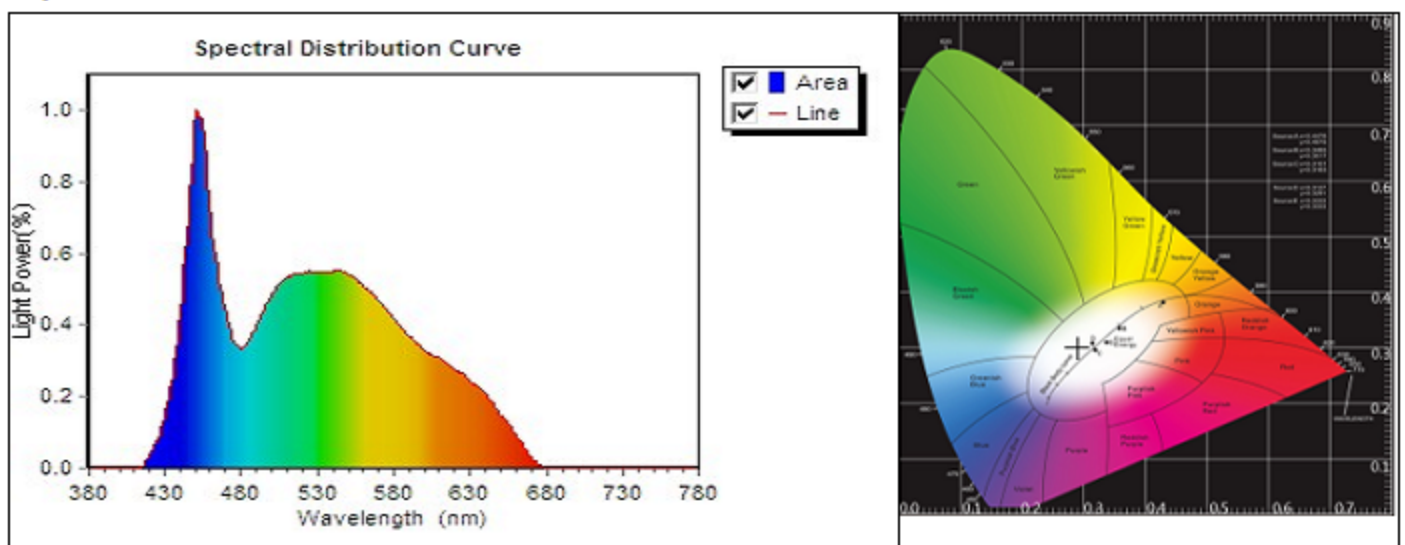
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 33533 (51.2%)  
Integral time. : 52ms

### Spectral Parameter



1â€x-0%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.2860$   $y=0.3415$   $u=0.1753$   $v=0.3140$  ( $duv=0.0230$ )

Color temperature:  $TC=7842$  K Color difference:  $SDCM=27.1$  Main Wavelength:  $\lambda_d=485.06$  nm Purity:  $Purity=0.404$

Peak wavelength:  $\lambda_p=452.0$  nm FWHM:  $\lambda_p=24.5$  nm Color ratio:  $R=11.16\%$   $G=82.74\%$   $B=6.10\%$

Color rendering index (Ra):  $Ra=77.5$

$R1=69.3$   $R2=82.0$   $R3=93.7$   $R4=71.8$   $R5=72.5$   $R6=78.8$   $R7=88.8$   $R8=62.4$

$R9=-27.5$   $R10=62.3$   $R11=68.8$   $R12=51.4$   $R13=73.6$   $R14=95.6$   $R15=62.2$

### Optical Parameter

Luminous flux: 2621.092 lm luminous efficiency: 67.73 lm/w Radiant flux: 8.0686 W

### Electrical Parameter

Voltage: 230.2 V Current: 0.176 A Wate: 38.70 W Power factor: 0.950

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