



## Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO  
Product No. : HPBM-40W-N-PAN  
Manufacturer : BLED

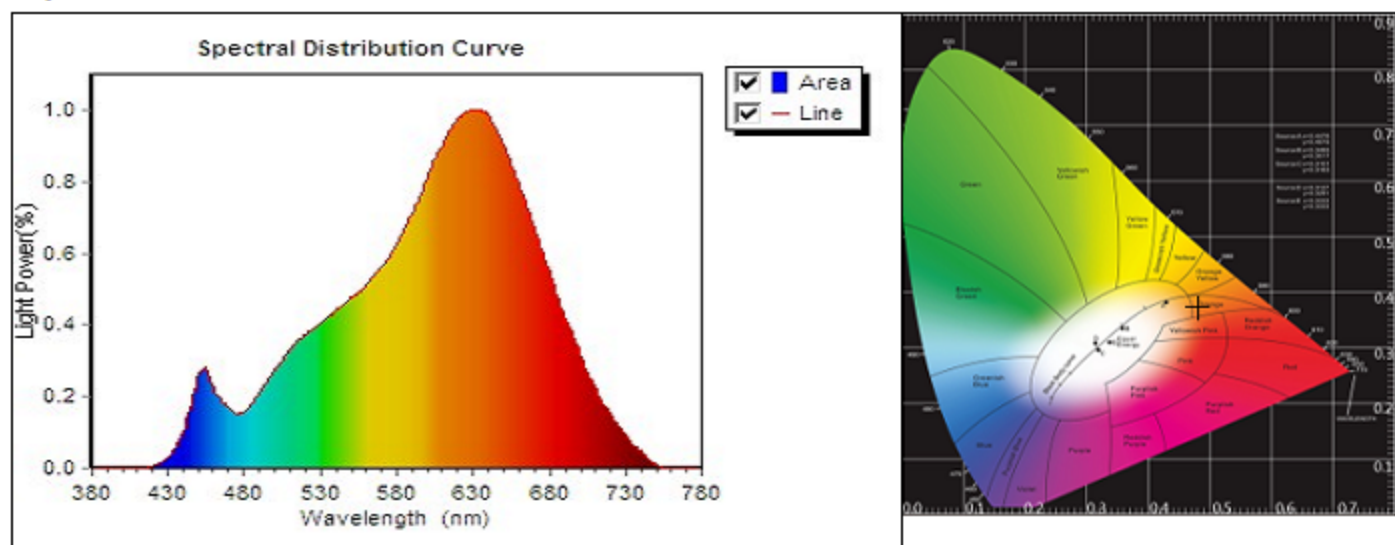
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 35953 (54.9%)  
Integral time. : 82ms

### Spectral Parameter



1â€¦x-Ö²¼

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4735$   $y=0.4090$   $u=0.2721$   $v=0.3525$  ( $duv=-0.0015$ )

Color temperature:  $TC=2509$  K Color difference:  $SDCM=11.1$  Main Wavelength:  $\lambda_d=609.03$  nm Purity:  $Purity=0.113$

Peak wavelength:  $\lambda_p=631.7$  nm FWHM:  $\lambda_p=126.7$  nm Color ratio:  $R=30.71\%$   $G=67.18\%$   $B=2.11\%$

Color rendering index (Ra):  $Ra=96.6$

$R1=99.1$   $R2=99.0$   $R3=99.0$   $R4=99.0$   $R5=99.6$   $R6=94.9$   $R7=93.2$   $R8=88.2$

$R9=75.9$   $R10=99.0$   $R11=95.6$   $R12=90.6$   $R13=99.2$   $R14=98.9$   $R15=94.8$

### Optical Parameter

Luminous flux: 2632.887 lm luminous efficiency: 65.01 lm/w Radiant flux: 9.5539 W

### Electrical Parameter

Voltage: 230.6 V Current: 0.182 A Wate: 40.50 W Power factor: 0.964

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