



## Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO  
Product No. : HPBM-40W-B-PYM  
Manufacturer : BLED

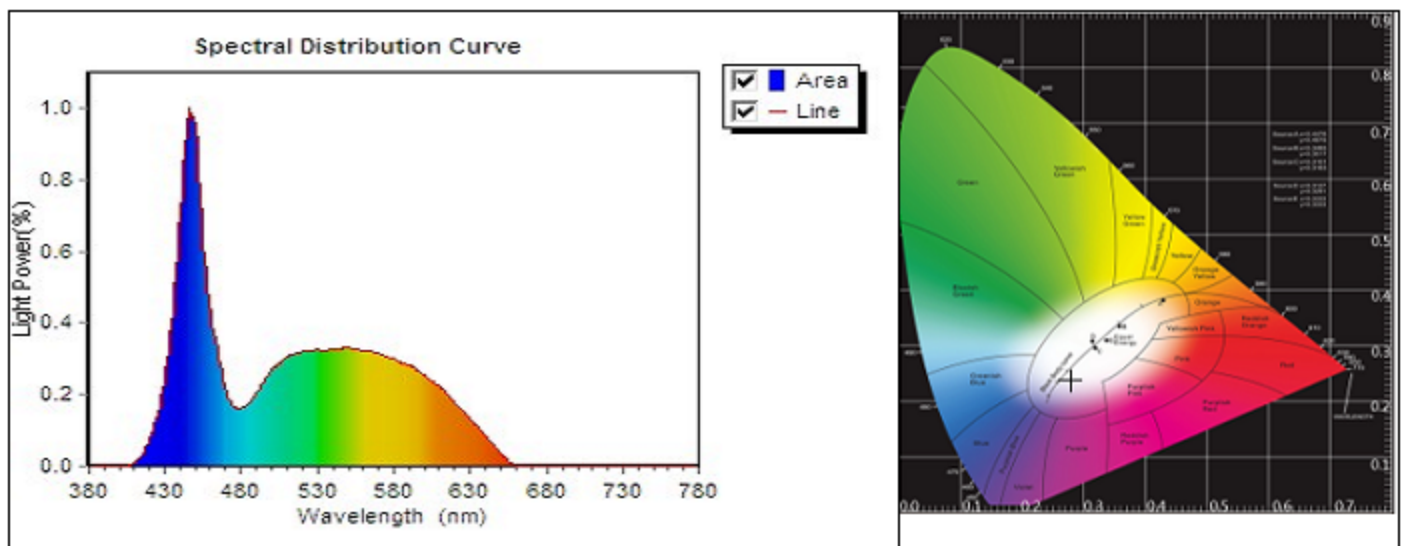
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

### Test Condition

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

Humidity : 65%  
Peak AD. : 52220 (79.7%)  
Integral time. : 52ms

### Spectral Parameter



1â€¦x-0%

CIE1931

### CIE Color Parameter

Chromaticity coordinates:  $x=0.2741$   $y=0.2849$   $u=0.1868$   $v=0.2912$  ( $duv=0.0023$ )

Color temperature:  $TC=11020$  K Color difference:  $SDCM=24.6$  Main Wavelength:  $\lambda_d=481.1$ nm Purity:  $Purity=0.476$

Peak wavelength:  $\lambda_p=446.9$  nm FWHM:  $\lambda_p=21.5$  nm Color ratio:  $R=11.51\%$   $G=82.49\%$   $B=6.01\%$

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

$R1=75.9$   $R2=79.9$   $R3=81.8$   $R4=80.5$   $R5=78.6$   $R6=74.0$   $R7=84.1$   $R8=64.6$

$R9=-33.2$   $R10=51.3$   $R11=81.1$   $R12=52.7$   $R13=77.1$   $R14=90.3$   $R15=69.7$

### Optical Parameter

Luminous flux: 2800.731 lm luminous efficiency: 66.05 lm/w Radiant flux: 9.4413 W

### Electrical Parameter

Voltage: 230.6 V Current: 0.190 A Wate: 42.40 W Power factor: 0.966

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