



BARCELONALED ILUMINACION S.L.  
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## Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO  
Product No. : BPM-20W-CCT-N (BN)  
Manufacturer : BLED

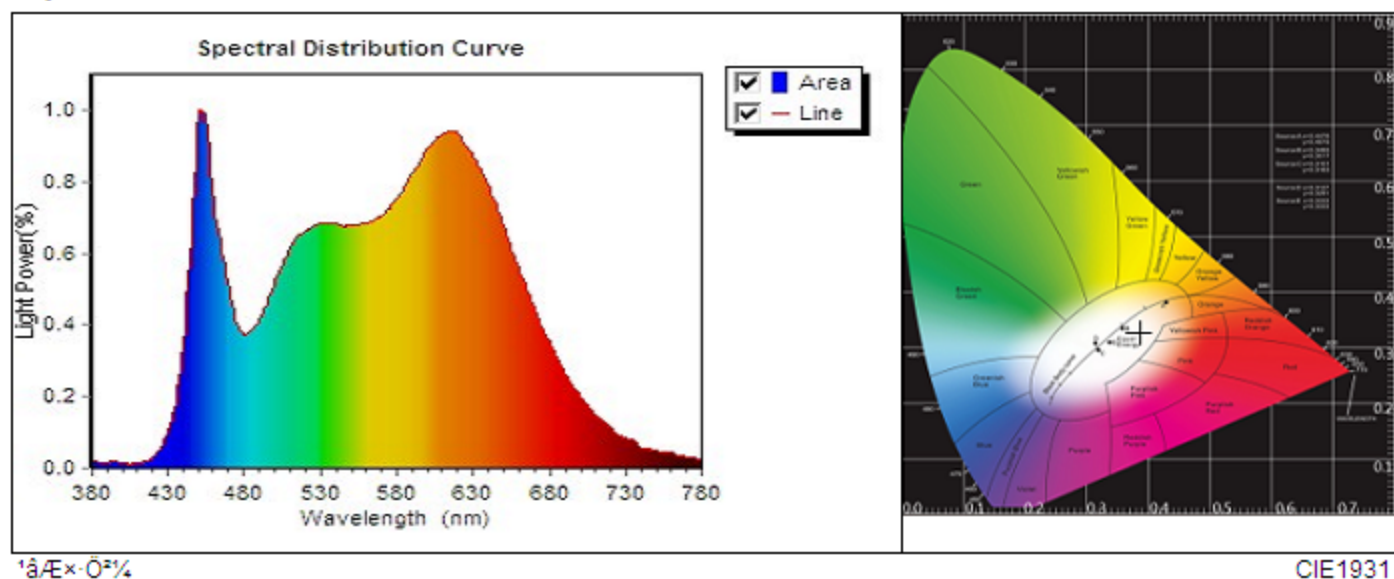
Test date. : 2024-09-24  
Test equipment : SPEC2000A Spectrometer  
Operator : VICTOR

## Test Condition

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

Humidity : 65%  
Peak AD. : 36013 (55.0%)  
Integral time. : 131ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3805$   $y=0.3674$   $u=0.2289$   $v=0.3316$  ( $duv=-0.0045$ )  
Color temperature:  $TC=3927$  K Color difference:  $SDCM=6.6$  Main Wavelength:  $\lambda_d=482.04$  nm Purity:  $Purity=0.177$   
Peak wavelength:  $\lambda_p=452.4$  nm FWHM:  $\Delta\lambda_p=26.0$  nm Color ratio:  $R=22.78\%$   $G=73.17\%$   $B=4.05\%$

Color rendering index (Ra):  $Ra=96.2$

$R1=97.7$   $R2=98.0$   $R3=98.4$   $R4=99.0$   $R5=97.8$   $R6=94.3$   $R7=93.8$   $R8=90.0$   
 $R9=77.7$   $R10=98.0$   $R11=95.5$   $R12=78.6$   $R13=97.5$   $R14=98.9$   $R15=97.5$

## Optical Parameter

Luminous flux: 1796.9 lm Luminous efficiency: 93.59 lm/w Radiant flux: 6.1338 W

## Electrical Parameter

Voltage: 240.6 V Current: 0.085 A Watts: 19.20 W Power factor: 0.937

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