



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

Product type :  
Product No. : B1219-20W-N-270  
Manufacturer :

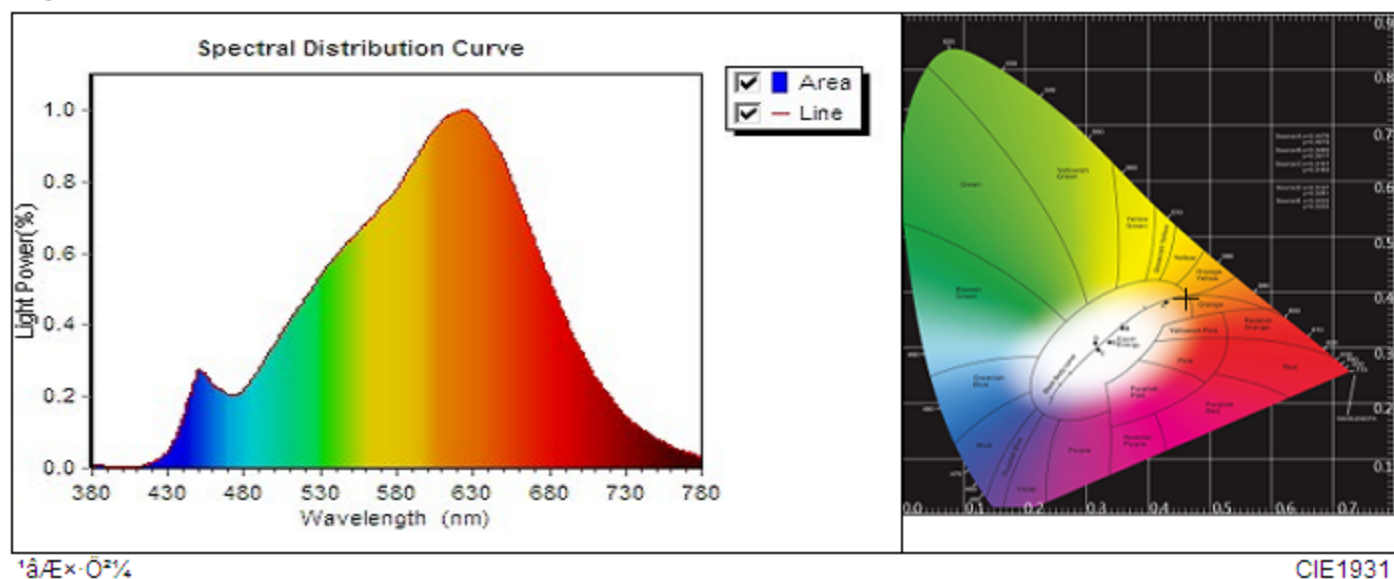
Test date. : 2024-02-22  
Test equipment : SPEC2000A Spectrometer  
Operator :

## Test Condition

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

Humidity : 65%  
Peak AD. : 44422 (67.8%)  
Integral time. : 224ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4560$   $y=0.4244$   $u=0.2540$   $v=0.3546$  ( $duv=0.0054$ )  
Color temperature:  $TC=2861$  K Color difference:  $SDCM=6.2$  Main Wavelength:  $\lambda_d=568.06$  nm Purity:  $Purity=0.123$   
Peak wavelength:  $\lambda_p=623.7$  nm FWHM:  $\Delta\lambda_p=158.8$  nm Color ratio:  $R=26.34\%$   $G=71.45\%$   $B=2.22\%$

Color rendering index (Ra):  $Ra=91.4$

$R1=90.8$   $R2=93.9$   $R3=96.5$   $R4=91.6$   $R5=89.8$   $R6=92.9$   $R7=93.7$   $R8=81.2$   
 $R9=54.9$   $R10=85.2$   $R11=91.5$   $R12=78.1$   $R13=91.6$   $R14=97.3$   $R15=86.0$

## Optical Parameter

Luminous flux: 1260.796 lm luminous efficiency: 57.57 lm/w Radiant flux: 4.3038 W

## Electrical Parameter

Voltage: 240.4 V Current: 0.097 A Watts: 21.90 W Power factor: 0.934

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