



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

Product type : PLAFÓN TECHO  
Product No. : LYC-2468-40-M (BN)  
Manufacturer : BLED

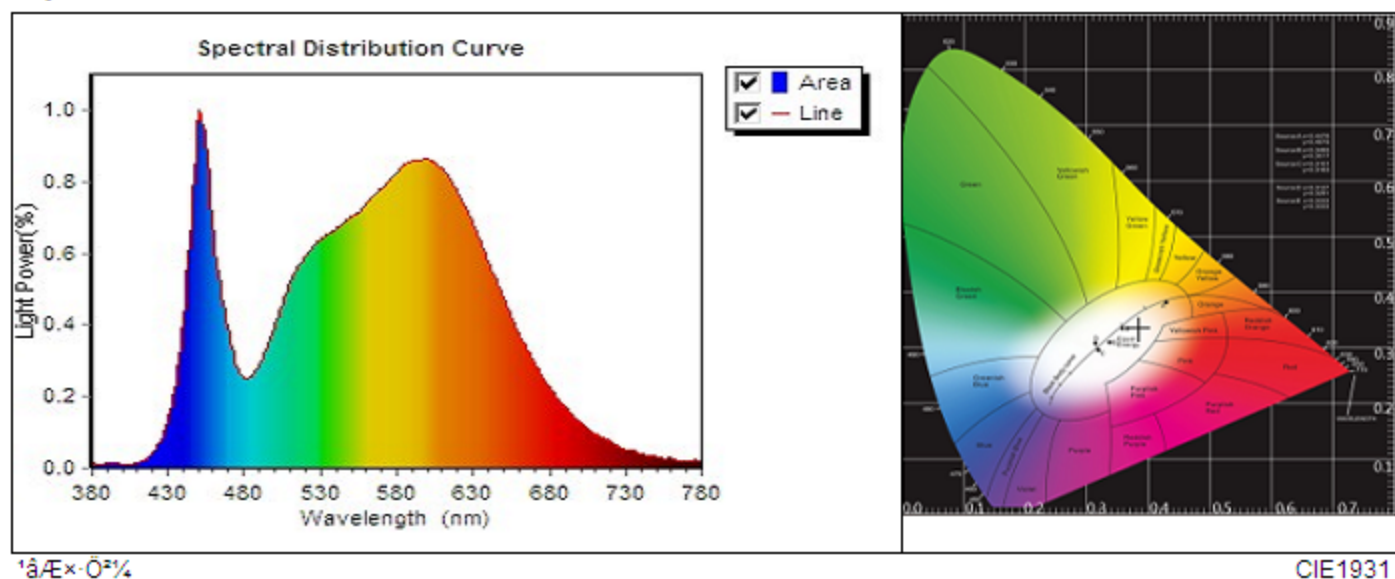
Test date. : 2025-01-24  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 54415 (83.0%)  
Integral time. : 117ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3790$   $y=0.3740$   $u=0.2252$   $v=0.3334$  ( $duv=-0.0009$ )  
Color temperature:  $TC=4020$  K Color difference:  $SDCM=2.7$  Main Wavelength:  $\lambda_d=484.09$  nm Purity:  $Purity=0.175$   
Peak wavelength:  $\lambda_p=451.5$  nm FWHM:  $\Delta\lambda_p=22.3$  nm Color ratio:  $R=20.13\%$   $G=76.59\%$   $B=3.28\%$

Color rendering index (Ra):  $Ra=84.8$

$R1=83.9$   $R2=90.2$   $R3=94.2$   $R4=84.2$   $R5=83.5$   $R6=85.7$   $R7=87.4$   $R8=68.7$   
 $R9=19.0$   $R10=75.9$   $R11=83.3$   $R12=62.5$   $R13=86.1$   $R14=96.8$   $R15=78.8$

## Optical Parameter

Luminous flux: 3083.132 lm luminous efficiency: 117.68 lm/w Radiant flux: 9.5751 W

## Electrical Parameter

Voltage: 230.3 V Current: 0.122 A Watts: 26.20 W Power factor: 0.927

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