



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

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

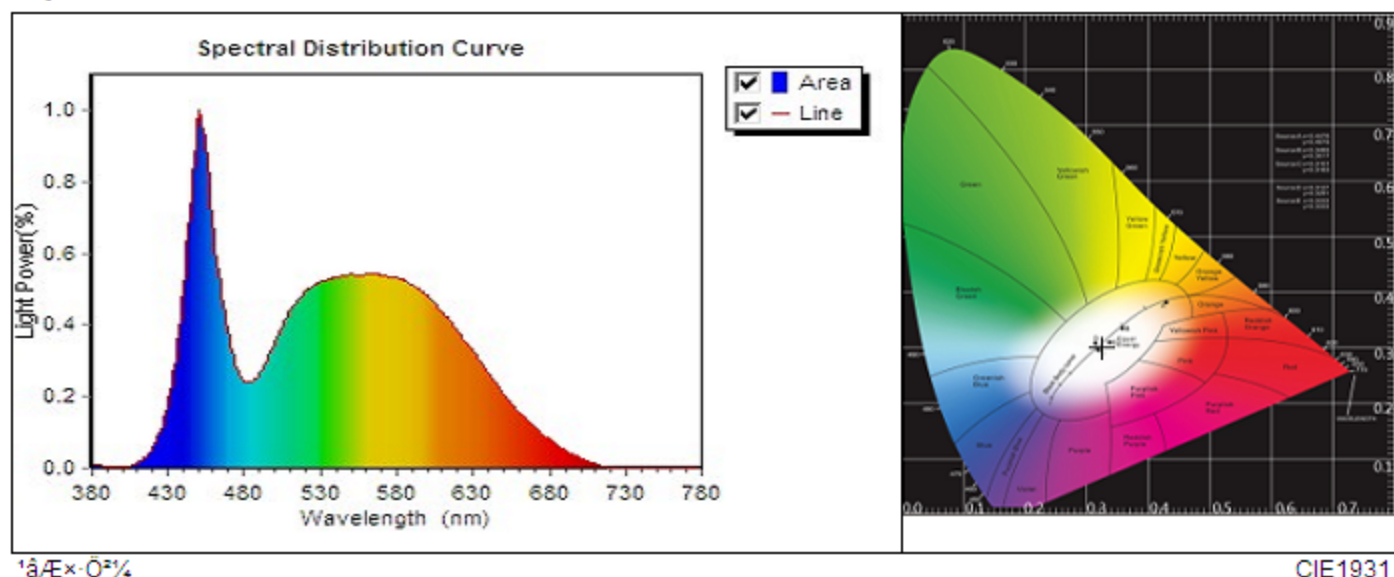
Test date. : 2025-01-24  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 51364 (78.4%)  
Integral time. : 90ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3214$   $y=0.3419$   $u=0.1990$   $v=0.3176$  ( $duv=0.0055$ )  
Color temperature:  $TC=6002$  K Color difference:  $SDCM=1.9$  Main Wavelength:  $\lambda_d=483.06$  nm Purity:  $Purity=0.324$   
Peak wavelength:  $\lambda_p=451.1$  nm FWHM:  $\Delta\lambda_p=23.9$  nm Color ratio:  $R=14.77\%$   $G=80.65\%$   $B=4.58\%$

Color rendering index (Ra):  $Ra=81.1$

$R1=78.8$   $R2=85.5$   $R3=89.8$   $R4=81.0$   $R5=79.8$   $R6=79.9$   $R7=86.9$   $R8=66.6$   
 $R9=-2.5$   $R10=65.2$   $R11=79.9$   $R12=57.5$   $R13=81.2$   $R14=94.5$   $R15=73.4$

## Optical Parameter

Luminous flux: 2685.585 lm luminous efficiency: 95.91 lm/w Radiant flux: 8.3024 W

## Electrical Parameter

Voltage: 230.3 V Current: 0.130 A Watts: 28.00 W Power factor: 0.934

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