



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

Product type :  
Product No. : G400-250W (75)  
Manufacturer : BLED

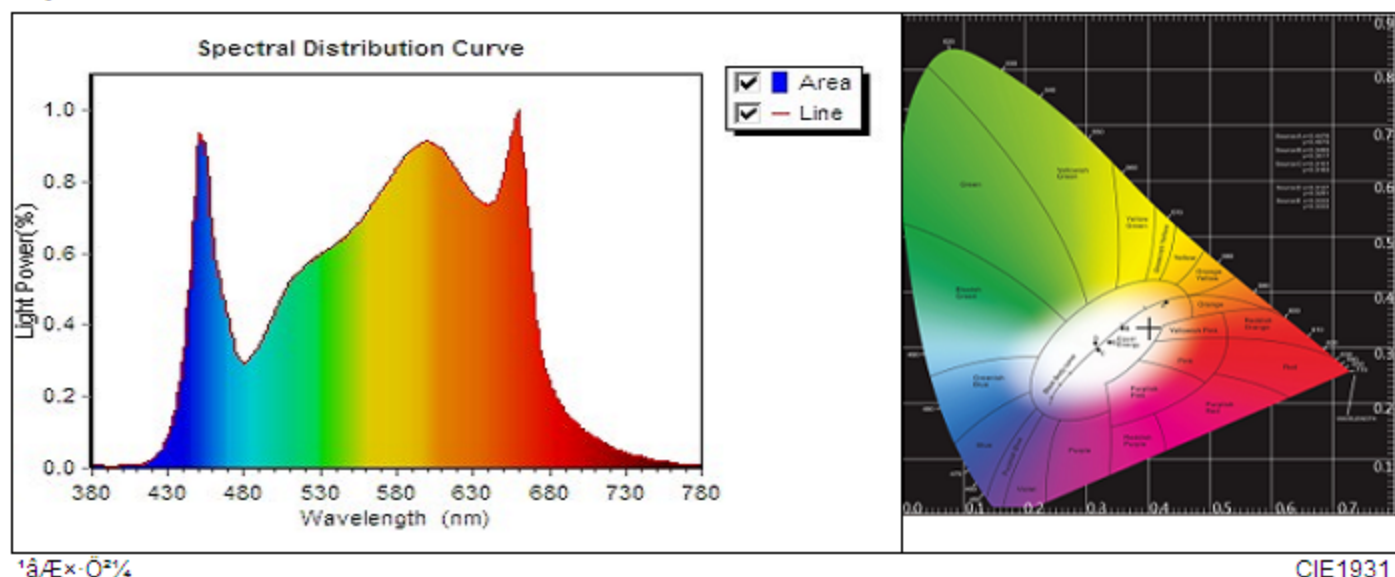
Test date. : 2024-04-25  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 40034 (61.1%)  
Integral time. : 11ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3949$   $y=0.3749$   $u=0.2355$   $v=0.3353$  ( $duv=-0.0048$ )  
Color temperature:  $TC=3609$  K Color difference:  $SDCM=7.7$  Main Wavelength:  $\lambda_d=482.1$  nm Purity:  $Purity=0.14$   
Peak wavelength:  $\lambda_p=658.8$  nm FWHM:  $\Delta\lambda_p=161.1$  nm Color ratio:  $R=22.50\%$   $G=74.03\%$   $B=3.47\%$

Color rendering index (Ra):  $Ra=91.3$

$R1=91.4$   $R2=96.3$   $R3=97.0$   $R4=90.2$   $R5=91.6$   $R6=93.1$   $R7=90.2$   $R8=80.3$   
 $R9=55.7$   $R10=91.1$   $R11=90.8$   $R12=75.3$   $R13=93.4$   $R14=99.1$   $R15=88.9$

## Optical Parameter

Luminous flux: 23526.03 lm luminous efficiency: 131.14 lm/w Radiant flux: 77.5571 W

## Electrical Parameter

Voltage: 232.3 V Current: 0.786 A Watts: 179.40 W Power factor: 0.982

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