



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

Product type : LED Floodlight  
Product No. : B1850-200W-N (BC)  
Manufacturer : BLED

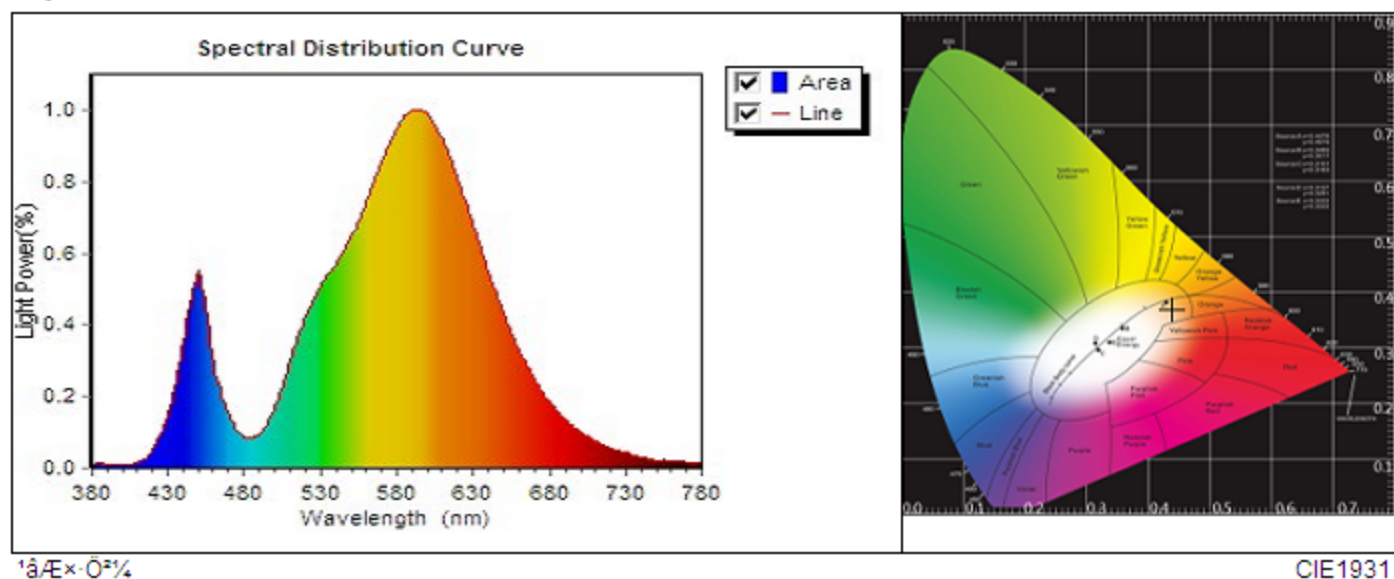
Test date. : 2024-07-18  
Test equipment: SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 52688 (80.4%)  
Integral time. : 19ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4336$   $y=0.4058$   $u=0.2477$   $v=0.3477$  ( $duv=0.0012$ )  
Color temperature:  $TC=3070K$  Color difference:  $SDCM=5.0$  Main Wavelength:  $\lambda_d=489.02nm$  Purity:  $Purity=0.034$   
Peak wavelength:  $\lambda_p=593.7nm$  FWHM:  $\lambda_p=114.8nm$  Color ratio:  $R=22.32\%$   $G=76.22\%$   $B=1.46\%$

Color rendering index (Ra):  $Ra=70.2$

$R1=66.3$   $R2=79.9$   $R3=92.0$   $R4=66.6$   $R5=65.2$   $R6=71.6$   $R7=77.5$   $R8=42.0$   
 $R9=-39.7$   $R10=53.7$   $R11=60.9$   $R12=44.0$   $R13=69.4$   $R14=95.4$   $R15=58.5$

## Optical Parameter

Luminous flux: 15900.49 lm luminous efficiency: 78.44 lm/w Radiant flux: 44.5689 W

## Electrical Parameter

Voltage: 229.2 V Current: 0.952 A Watts: 202.70 W Power factor: 0.929

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