



BARCELONALED ILUMINACION S.L.  
BARCELONA, SPAIN  
TEL:+34 93 241 80 81  
www.barcelonaed.com

## Spectral test report for lamp

Product type : LED BATTEN CCT  
Product No. : B8596-CCT-150\_WW  
Manufacturer : BLED

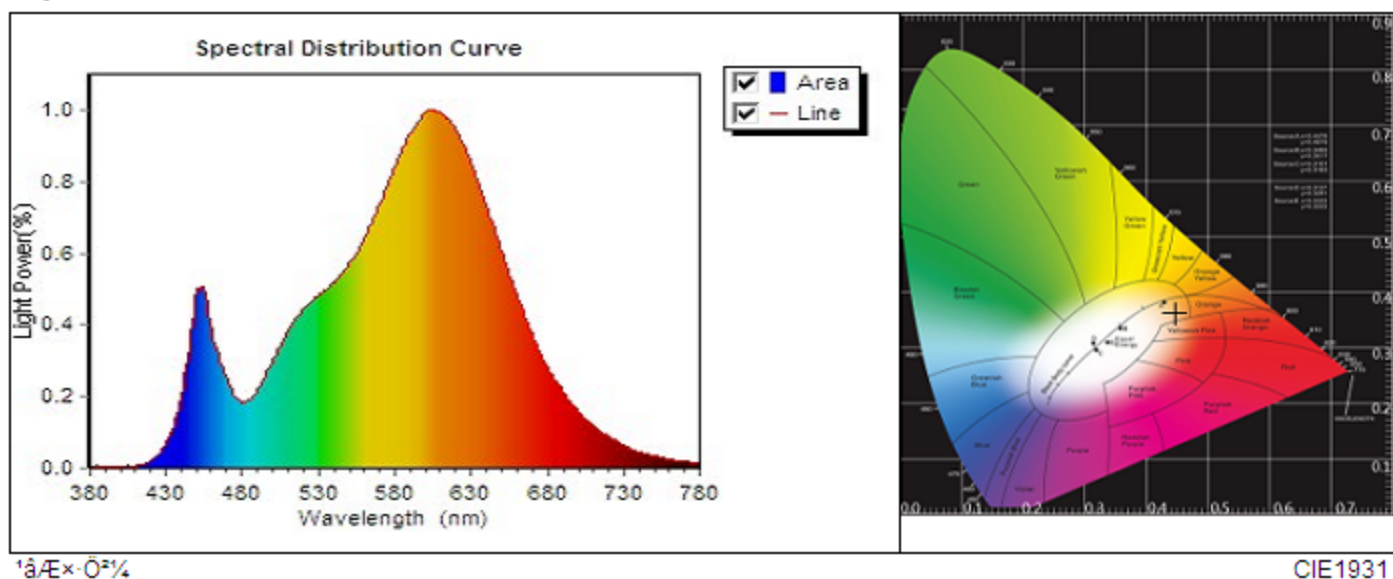
Test date. : 2023-07-18  
Test equipment: SPEC2000A Spectrometer  
Operator. : LG23193

## Test Condition

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

Humidity : 65%  
Peak AD. : 39636 (60.5%)  
Integral time. : 33ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4406$   $y=0.3997$   $u=0.2549$   $v=0.3468$  ( $duv=-0.0022$ )  
Color temperature:  $TC=2903$  K Color difference:  $SDCM=2.0$  Main Wavelength:  $\lambda_d=474.08$  nm Purity:  $Purity=0.022$   
Peak wavelength:  $\lambda_p=604.2$  nm FWHM:  $\Delta\lambda_p=123.7$  nm Color ratio:  $R=25.79\%$   $G=71.90\%$   $B=2.31\%$

Color rendering index (Ra):  $Ra=84.1$

$R1=83.4$   $R2=93.0$   $R3=95.3$   $R4=82.2$   $R5=83.8$   $R6=91.9$   $R7=82.2$   $R8=60.5$   
 $R9=13.4$   $R10=84.1$   $R11=82.4$   $R12=75.9$   $R13=86.6$   $R14=98.3$   $R15=76.1$

## Optical Parameter

Luminous flux: 7000.667 lm luminous efficiency: 115.33 lm/w Radiant flux: 21.7525 W

## Electrical Parameter

Voltage: 230.9 V Current: 0.266 A Watts: 60.70 W Power factor: 0.988

MEASUREFINE

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