



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

## Spectral test report for lamp

Product type : FREE CUT LED Stripe  
Product No. : BLSCOB-24V11W-CUT-IP20-270 (10 cm)  
Manufacturer : BLED

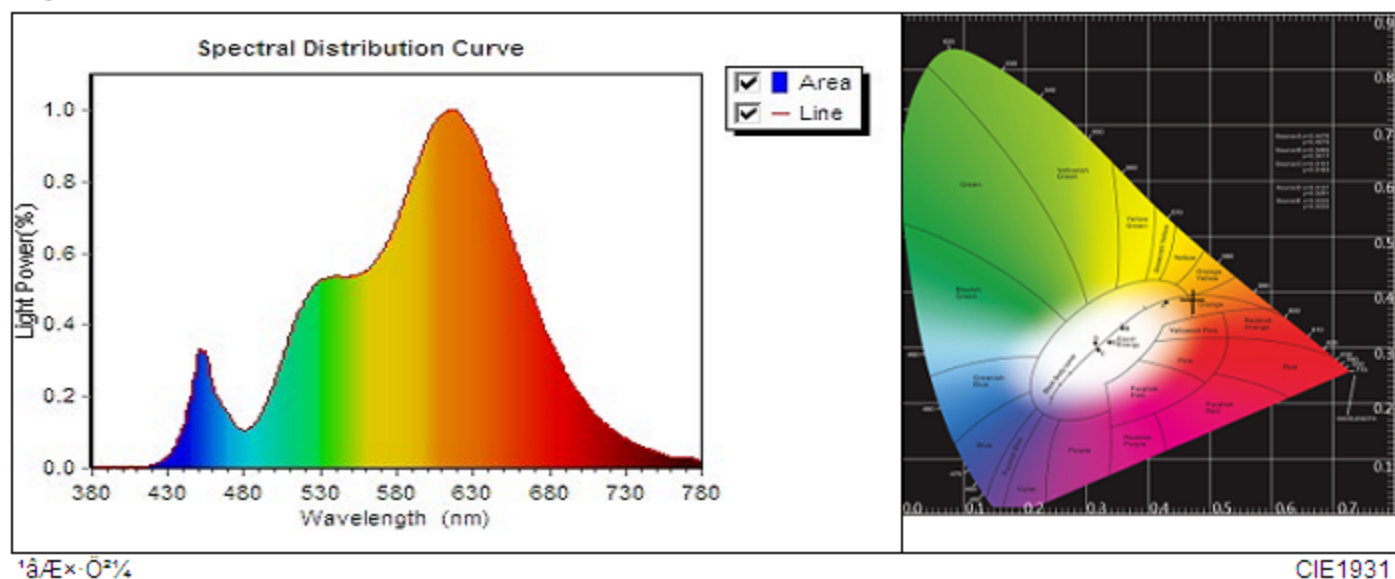
Test date. : 2024-08-26  
Test equipment: SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 35206 (53.7%)  
Integral time. : 41ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4651$   $y=0.4207$   $u=0.2614$   $v=0.3546$  ( $duv=0.0033$ )  
Color temperature:  $TC=2705$  K Color difference:  $SDCM=1.3$  Main Wavelength:  $\lambda_d=581.03$  nm Purity:  $Purity=0.216$   
Peak wavelength:  $\lambda_p=616.7$  nm FWHM:  $\Delta\lambda_p=142.8$  nm Color ratio:  $R=28.31\%$   $G=70.13\%$   $B=1.56\%$

Color rendering index (Ra):  $Ra=91.4$

$R1=92.4$   $R2=94.3$   $R3=95.7$   $R4=95.0$   $R5=91.6$   $R6=94.9$   $R7=91.1$   $R8=75.7$   
 $R9=42.3$   $R10=85.4$   $R11=97.0$   $R12=76.9$   $R13=94.1$   $R14=96.3$   $R15=84.5$

## Optical Parameter

Luminous flux: 115.548 lm luminous efficiency: 71.9 lm/w Radiant flux: 0.3717 W

## Electrical Parameter

Voltage: 23.99 V Current: 0.067 A Watts: 1.607 W Power factor: 1.000

MEASUREFINE

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