



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

## Spectral test report for lamp

Product type : CCT LINEAR TRACKLIGHT  
Product No. : BLT-20W-60-CCT-B (5000K)  
Manufacturer : BLED

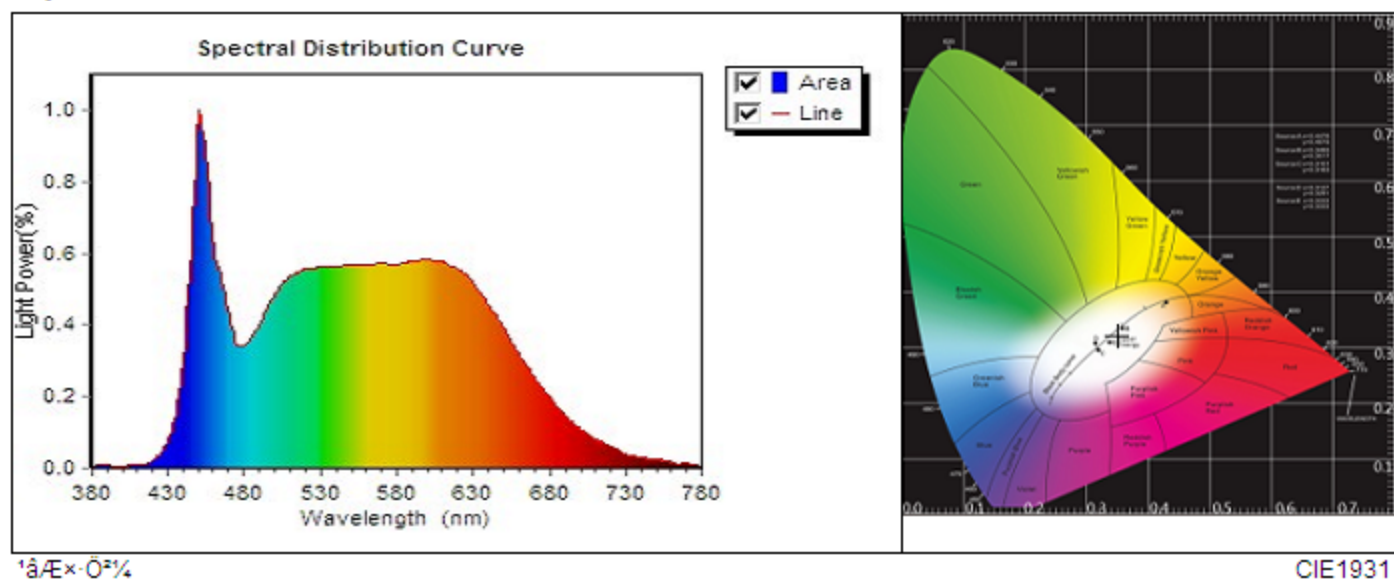
Test date. : 2024-01-18  
Test equipment : SPEC2000A Spectrometer  
Operator : SANTIAGO

## Test Condition

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

Humidity : 65%  
Peak AD. : 51907 (79.2%)  
Integral time. : 104ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3463$   $y=0.3621$   $u=0.2082$   $v=0.3266$  ( $duv=0.0047$ )  
Color temperature:  $TC=4992$  K Color difference:  $SDCM=1.3$  Main Wavelength:  $\lambda_d=484.08$  nm Purity:  $Purity=0.255$   
Peak wavelength:  $\lambda_p=451.4$  nm FWHM:  $\Delta\lambda_p=22.6$  nm Color ratio:  $R=18.16\%$   $G=76.98\%$   $B=4.86\%$

Color rendering index (Ra):  $Ra=91.7$

$R1=91.3$   $R2=95.5$   $R3=98.2$   $R4=90.1$   $R5=90.2$   $R6=92.7$   $R7=92.7$   $R8=82.2$   
 $R9=53.0$   $R10=89.1$   $R11=91.4$   $R12=65.8$   $R13=93.3$   $R14=99.3$   $R15=86.8$

## Optical Parameter

Luminous flux: 2582.467 lm luminous efficiency: 129.12 lm/w Radiant flux: 8.4679 W

## Electrical Parameter

Voltage: 230.5 V Current: 0.092 A Watts: 20.00 W Power factor: 0.932

MEASUREFINE

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