



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

Product type : LED STRIP  
Product No. : B1653-IP67-270  
Manufacturer : BLED - Test 100mm

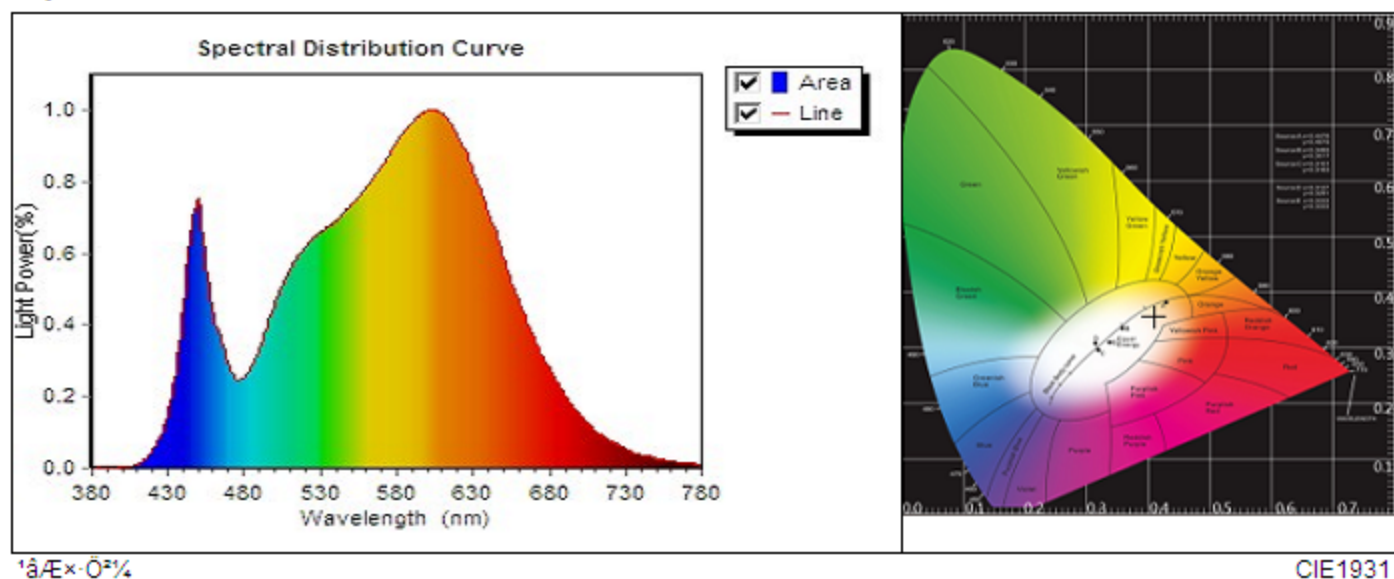
Test date. : 2023-10-13  
Test equipment: SPEC2000A Spectrometer  
Operator. : VL-20230515002

## Test Condition

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

Humidity : 65%  
Peak AD. : 39424 (60.2%)  
Integral time. : 50ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4046$   $y=0.3939$   $u=0.2340$   $v=0.3416$  ( $duv=0.0015$ )  
Color temperature:  $TC=3542$  K Color difference:  $SDCM=2.7$  Main Wavelength:  $\lambda_d=486.01$  nm Purity:  $Purity=0.105$   
Peak wavelength:  $\lambda_p=602.6$  nm FWHM:  $\Delta\lambda_p=153.1$  nm Color ratio:  $R=22.01\%$   $G=75.18\%$   $B=2.82\%$

Color rendering index (Ra):  $Ra=85.9$

$R1=84.6$   $R2=90.8$   $R3=96.4$   $R4=86.2$   $R5=84.8$   $R6=88.4$   $R7=87.6$   $R8=68.0$   
 $R9=20.4$   $R10=78.7$   $R11=86.5$   $R12=71.6$   $R13=86.6$   $R14=98.0$   $R15=78.0$

## Optical Parameter

Luminous flux: 104.033 lm luminous efficiency: 100.81 lm/w Radiant flux: 0.3176 W

## Electrical Parameter

Voltage: 24.0 V Current: 0.043 A Watto: 1.032 W Power factor: 1.000

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