



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

Product type : TIRALED  
Product No. : BLS5050-48V15W-IP20-20M-RBGCCT (R) (16  
Manufacturer : BLED

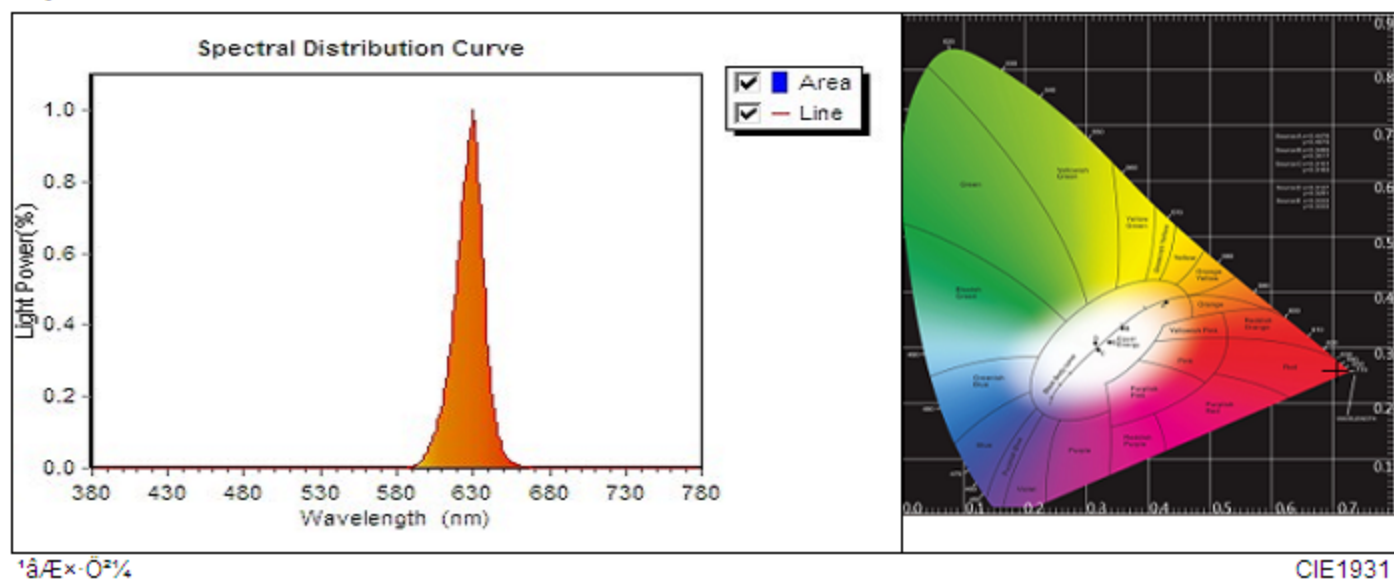
Test date. : 2024-04-30  
Test equipment : SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 43487 (66.4%)  
Integral time. : 47ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.6949$   $y=0.3050$   $u=0.5274$   $v=0.3472$  ( $duv=-0.0796$ )  
Color temperature:  $TC=1000$  K Color difference:  $SDCM=192.8$  Main Wavelength:  $\lambda_d=494$  nm Purity:  $Purity=0.631$   
Peak wavelength:  $\lambda_p=629.3$  nm FWHM:  $\Delta\lambda_p=19.1$  nm Color ratio:  $R=98.66\%$   $G=1.34\%$   $B=0.00\%$

Color rendering index (Ra):  $Ra=8.5$

$R1=1.5$   $R2=77.4$   $R3=25.6$   $R4=-34.4$   $R5=-5.4$   $R6=89.3$   $R7=-2.3$   $R8=-84.5$   
 $R9=-249.4$   $R10=70.2$   $R11=-19.7$   $R12=78.6$   $R13=36.6$   $R14=56.5$   $R15=-45.0$

## Optical Parameter

Luminous flux: 14.475 lm Luminous efficiency: 27.41 lm/w Radiant flux: 0.0691 W

## Electrical Parameter

Voltage: 48.0 V Current: 0.011 A Watto: 0.528 W Power factor: 1.000

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