



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

Product type : QR111  
Product No. : B1002-CCT (BC)  
Manufacturer : BLED

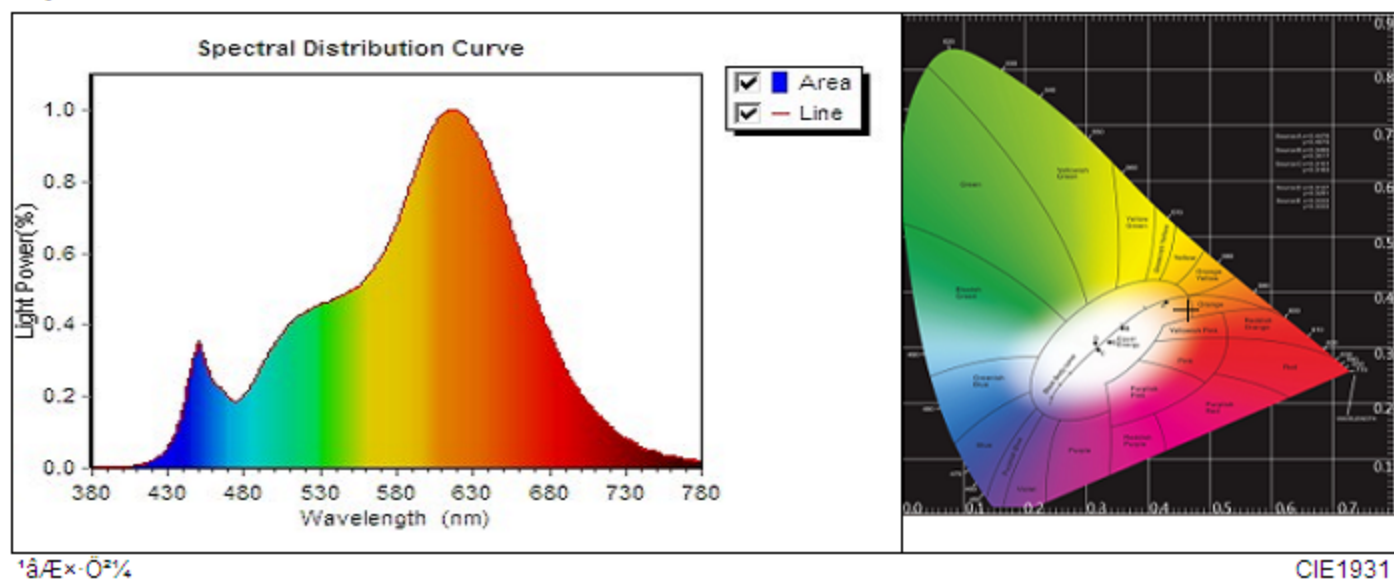
Test date. : 2024-10-08  
Test equipment: SPEC2000A Spectrometer  
Operator. : SERGI

## Test Condition

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

Humidity : 65%  
Peak AD. : 51696 (78.9%)  
Integral time. : 124ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4562$   $y=0.4047$   $u=0.2628$   $v=0.3497$  ( $duv=-0.0019$ )  
Color temperature:  $TC=2706$  K Color difference:  $SDCM=6.7$  Main Wavelength:  $\lambda_d=492.99$  nm Purity:  $Purity=0.021$   
Peak wavelength:  $\lambda_p=616.5$  nm FWHM:  $\Delta\lambda_p=117.1$  nm Color ratio:  $R=29.00\%$   $G=68.51\%$   $B=2.49\%$

Color rendering index (Ra):  $Ra=93.1$

$R1=96.6$   $R2=98.9$   $R3=94.8$   $R4=97.3$   $R5=98.3$   $R6=93.0$   $R7=88.0$   $R8=77.3$   
 $R9=53.0$   $R10=97.8$   $R11=96.4$   $R12=91.6$   $R13=99.0$   $R14=97.9$   $R15=89.1$

## Optical Parameter

Luminous flux: 2546.047 lm luminous efficiency: 90.29 lm/w Radiant flux: 8.5991 W

## Electrical Parameter

Voltage: 230.4 V Current: 0.128 A Watts: 28.20 W Power factor: 0.957

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