



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

Product type : DOWNLIGHT LED  
Product No. : B1269-12W-CCT\_WW  
Manufacturer : BLED

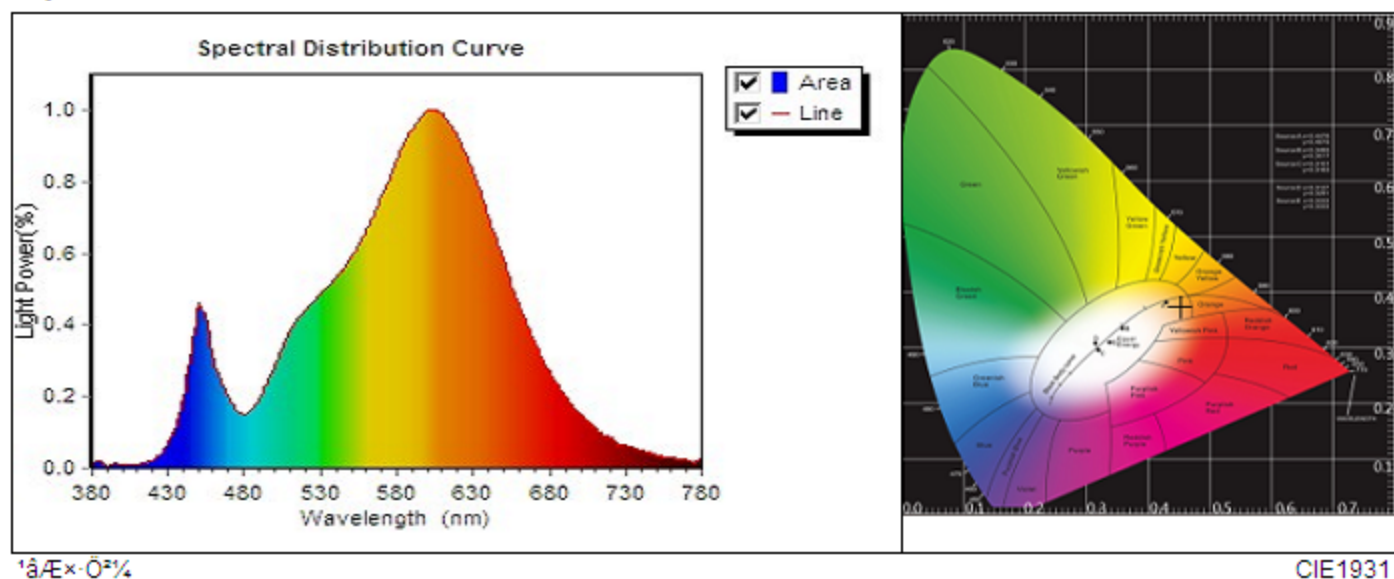
Test date. : 2023-09-27  
Test equipment: SPEC2000A Spectrometer  
Operator. : OBS230513J2

## Test Condition

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

Humidity : 65%  
Peak AD. : 48979 (74.7%)  
Integral time. : 183ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4462$   $y=0.4099$   $u=0.2540$   $v=0.3500$  ( $duv=0.0011$ )  
Color temperature:  $TC=2896$  K Color difference:  $SDCM=3.4$  Main Wavelength:  $\lambda_d=514.07$  nm Purity:  $Purity=0.005$   
Peak wavelength:  $\lambda_p=603.2$  nm FWHM:  $\Delta\lambda_p=123.0$  nm Color ratio:  $R=25.23\%$   $G=72.80\%$   $B=1.98\%$

Color rendering index (Ra):  $Ra=81.6$

$R1=79.6$   $R2=89.7$   $R3=96.9$   $R4=79.8$   $R5=79.6$   $R6=87.6$   $R7=82.4$   $R8=56.9$   
 $R9=2.4$   $R10=76.8$   $R11=79.2$   $R12=68.8$   $R13=82.6$   $R14=98.8$   $R15=71.6$

## Optical Parameter

Luminous flux: 1509.379 lm luminous efficiency: 117.92 lm/w Radiant flux: 4.5628 W

## Electrical Parameter

Voltage: 230.2 V Current: 0.096 A Watts: 12.80 W Power factor: 0.574

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