



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

Product type : NEON LED  
Product No. : N20D-5M-BC  
Manufacturer : BLED

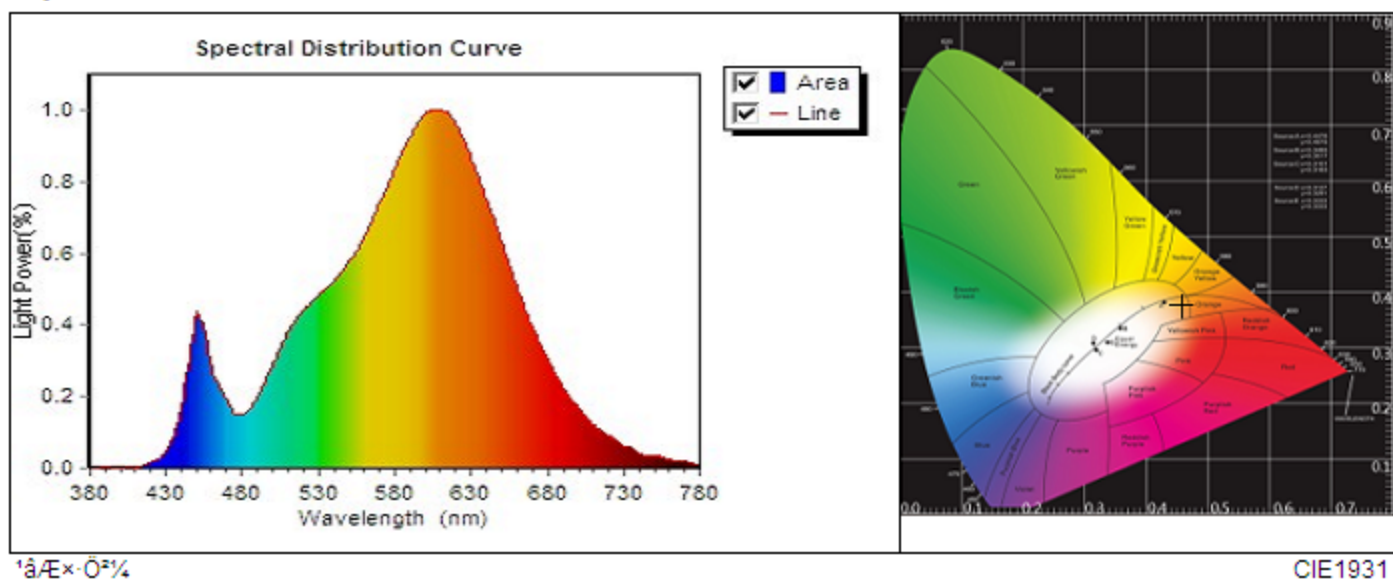
Test date. : 2023-01-18  
Test equipment : SPEC2000A Spectrometer  
Operator. : -

## Test Condition

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

Humidity : 65%  
Peak AD. : 39562 (60.4%)  
Integral time. : 51ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.4525$   $y=0.4122$   $u=0.2571$   $v=0.3512$  ( $duv=0.0013$ )  
Color temperature:  $TC=2819$  K Color difference:  $SDCM=5.9$  Main Wavelength:  $\lambda_d=577.01$  nm Purity:  $Purity=0.065$   
Peak wavelength:  $\lambda_p=607.8$  nm FWHM:  $\Delta\lambda_p=126.4$  nm Color ratio:  $R=26.11\%$   $G=71.95\%$   $B=1.95\%$

Color rendering index (Ra):  $Ra=83.7$

$R1=82.1$   $R2=91.1$   $R3=97.4$   $R4=82.4$   $R5=82.1$   $R6=89.7$   $R7=83.9$   $R8=60.7$   
 $R9=12.1$   $R10=79.9$   $R11=82.5$   $R12=71.7$   $R13=84.9$   $R14=99.2$   $R15=74.5$

## Optical Parameter

Luminous flux: 93.475 lm Luminous efficiency: 74.9 lm/w Radiant flux: 0.2866 W

## Electrical Parameter

Voltage: 24.0 V Current: 0.052 A Watto: 1.248 W Power factor: 1.000

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