



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

Product type : NEON LED  
Product No. : N410-5M-RO  
Manufacturer : BLED

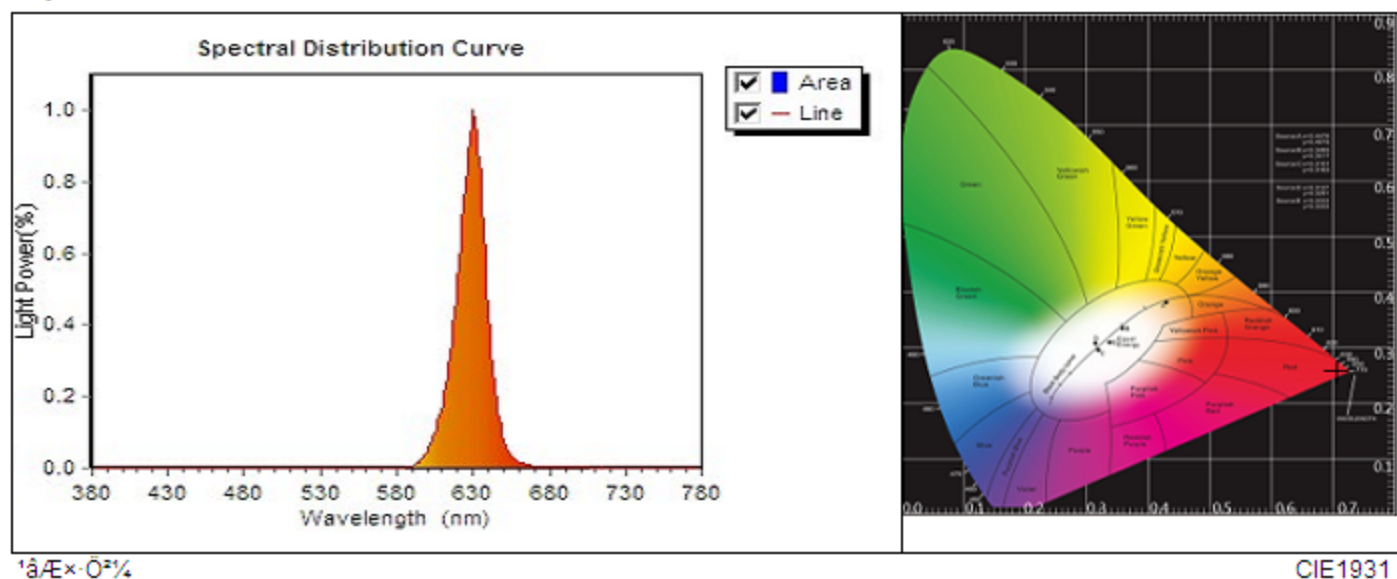
Test date. : 2023-01-23  
Test equipment : SPEC2000A Spectrometer  
Operator. : -

## Test Condition

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

Humidity : 65%  
Peak AD. : 52302 (79.8%)  
Integral time. : 180ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.6961$   $y=0.3038$   $u=0.5300$   $v=0.3470$  ( $duv=-0.0822$ )  
Color temperature:  $TC=1000$  K Color difference:  $SDCM=194.0$  Main Wavelength:  $\lambda_d=493.97$  nm Purity: Purity=0.635  
Peak wavelength:  $\lambda_p=630.2$  nm FWHM:  $\Delta\lambda_p=19.4$  nm Color ratio:  $R=98.46\%$   $G=1.54\%$   $B=0.00\%$

Color rendering index (Ra):  $Ra=8.3$

$R1=0.4$   $R2=76.7$   $R3=25.3$   $R4=-35.9$   $R5=-6.3$   $R6=88.0$   $R7=-0.8$   $R8=-81.6$   
 $R9=-244.8$   $R10=69.8$   $R11=-22.3$   $R12=78.7$   $R13=35.4$   $R14=56.0$   $R15=-44.5$

## Optical Parameter

Luminous flux: 4.643 lm luminous efficiency: 6.91 lm/w Radiant flux: 0.0232 W

## Electrical Parameter

Voltage: 24.0 V Current: 0.028 A Watto: 0.672 W Power factor: 1.000

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