



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1218-20W-N-270
Manufacturer :

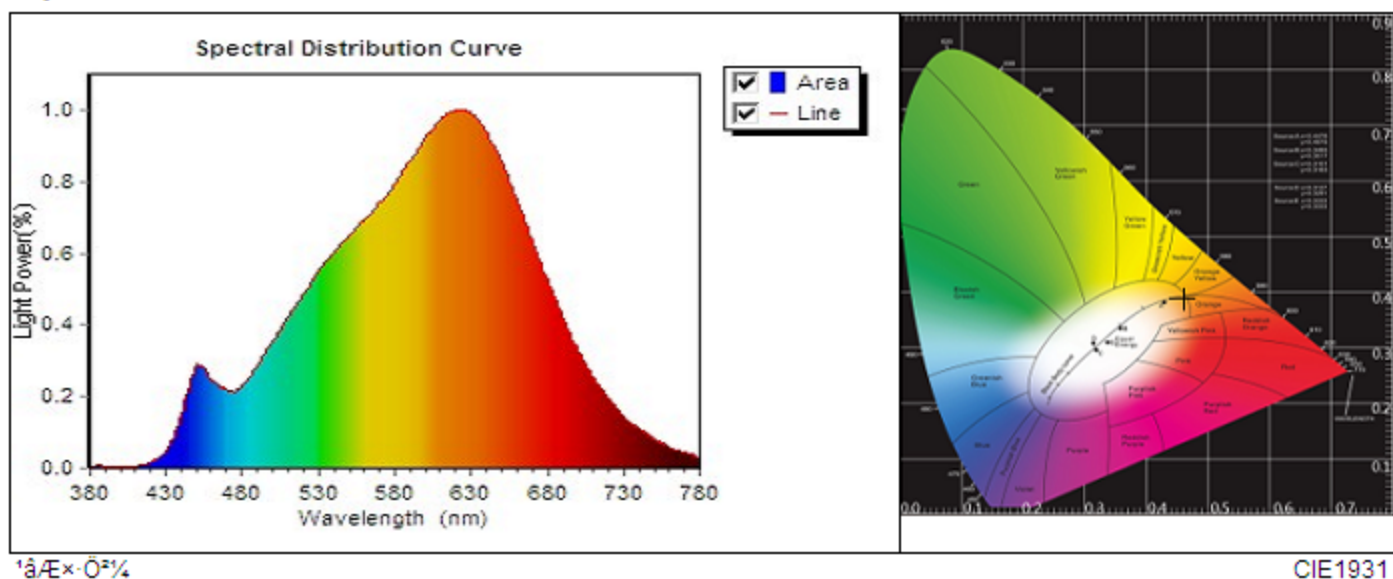
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 52121 (79.5%)
Integral time. : 256ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4534$ $y=0.4236$ $u=0.2527$ $v=0.3542$ ($duv=0.0054$)
Color temperature: $TC=2893$ K Color difference: $SDCM=7.5$ Main Wavelength: $\lambda_d=564.02$ nm Purity: $Purity=0.093$
Peak wavelength: $\lambda_p=623.3$ nm FWHM: $\Delta\lambda_p=160.8$ nm Color ratio: $R=26.07\%$ $G=71.66\%$ $B=2.27\%$

Color rendering index (Ra): $Ra=91.3$

$R1=90.7$ $R2=93.9$ $R3=96.6$ $R4=91.4$ $R5=89.7$ $R6=92.8$ $R7=93.7$ $R8=81.2$
 $R9=54.8$ $R10=85.1$ $R11=91.3$ $R12=77.5$ $R13=91.6$ $R14=97.3$ $R15=86.0$

Optical Parameter

Luminous flux: 1284.446 lm luminous efficiency: 61.16 lm/w Radiant flux: 4.3655 W

Electrical Parameter

Voltage: 240.3 V Current: 0.093 A Watts: 21.00 W Power factor: 0.931

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