



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type :
Product No. : B1219-2W-B-270
Manufacturer :

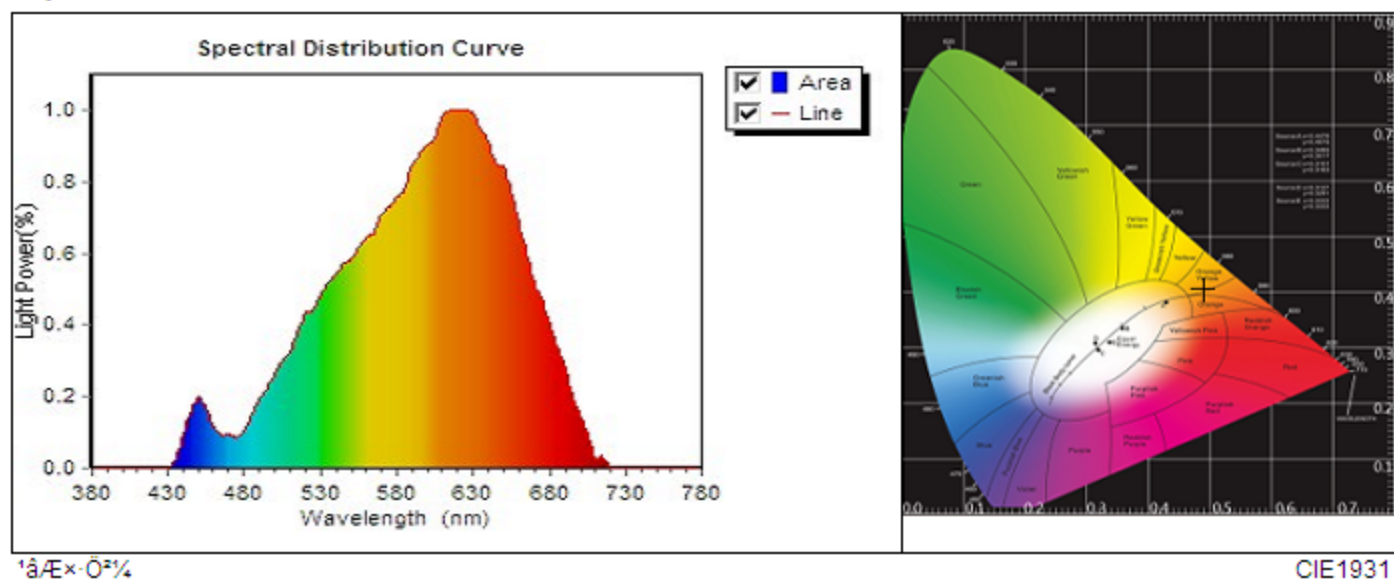
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator :

Test Condition

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

Humidity : 65%
Peak AD. : 46119 (70.4%)
Integral time. : 1787ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4819$ $y=0.4396$ $u=0.2636$ $v=0.3608$ ($duv=0.0086$)
Color temperature: $TC=2627$ K Color difference: $SDCM=11.1$ Main Wavelength: $\lambda_d=578.04$ nm Purity: $Purity=0.454$
Peak wavelength: $\lambda_p=623.7$ nm FWHM: $\Delta\lambda_p=139.4$ nm Color ratio: $R=27.67\%$ $G=70.89\%$ $B=1.43\%$

Color rendering index (Ra): $Ra=87.2$

$R1=86.2$ $R2=90.0$ $R3=93.4$ $R4=88.2$ $R5=84.6$ $R6=87.7$ $R7=92.7$ $R8=74.6$
 $R9=38.5$ $R10=76.2$ $R11=87.2$ $R12=67.5$ $R13=86.9$ $R14=95.3$ $R15=80.0$

Optical Parameter

Luminous flux: 105.638 lm luminous efficiency: 33.01 lm/w Radiant flux: 0.3217 W

Electrical Parameter

Voltage: 240.6 V Current: 0.032 A Watts: 3.20 W Power factor: 0.408

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