



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

Spectral test report for lamp

Product type :
Product No. : B1218-6W-B-270
Manufacturer :

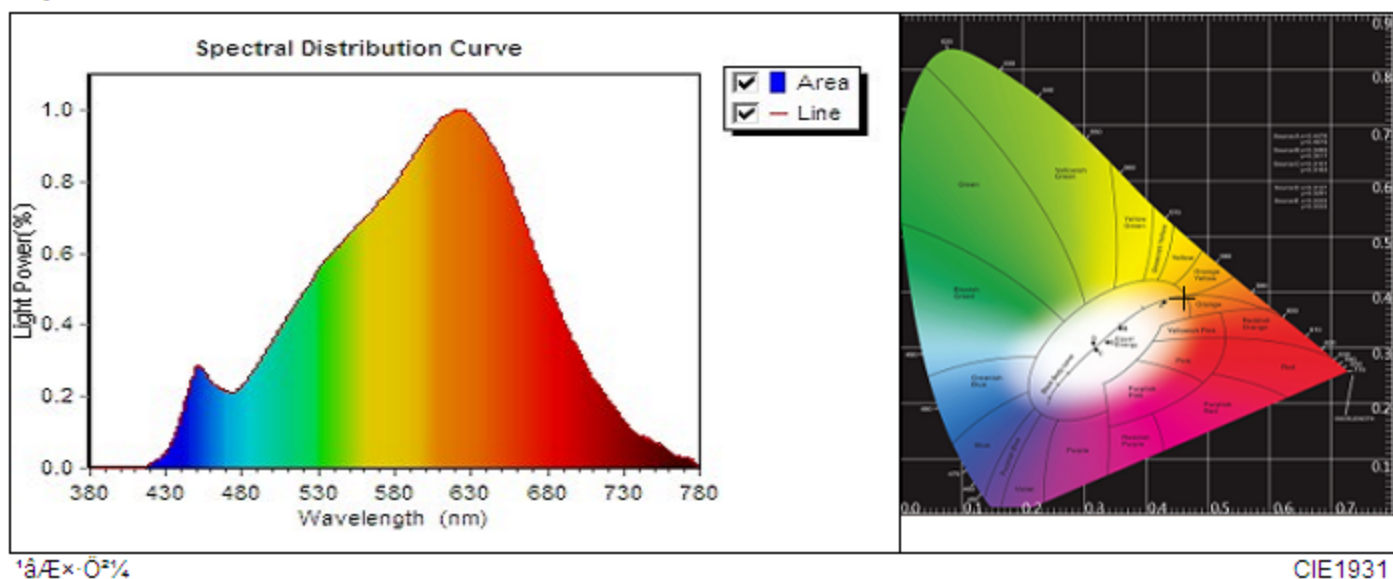
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 55454 (84.6%)
Integral time. : 817ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4535$ $y=0.4251$ $u=0.2522$ $v=0.3545$ ($duv=0.0060$)
Color temperature: $TC=2902$ K Color difference: $SDCM=8.0$ Main Wavelength: $\lambda_d=564.1$ nm Purity: $Purity=0.1$
Peak wavelength: $\lambda_p=623.2$ nm FWHM: $\Delta\lambda_p=160.0$ nm Color ratio: $R=25.94\%$ $G=71.80\%$ $B=2.26\%$

Color rendering index (Ra): $Ra=91$

$R1=90.3$ $R2=93.6$ $R3=96.4$ $R4=91.0$ $R5=89.3$ $R6=92.4$ $R7=93.7$ $R8=80.7$
 $R9=53.6$ $R10=84.5$ $R11=90.8$ $R12=76.7$ $R13=91.2$ $R14=97.3$ $R15=85.4$

Optical Parameter

Luminous flux: 420.745 lm Luminous efficiency: 50.69 lm/w Radiant flux: 1.4154 W

Electrical Parameter

Voltage: 240.4 V Current: 0.064 A Watts: 8.30 W Power factor: 0.536

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