



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1217-8W-N-270
Manufacturer :

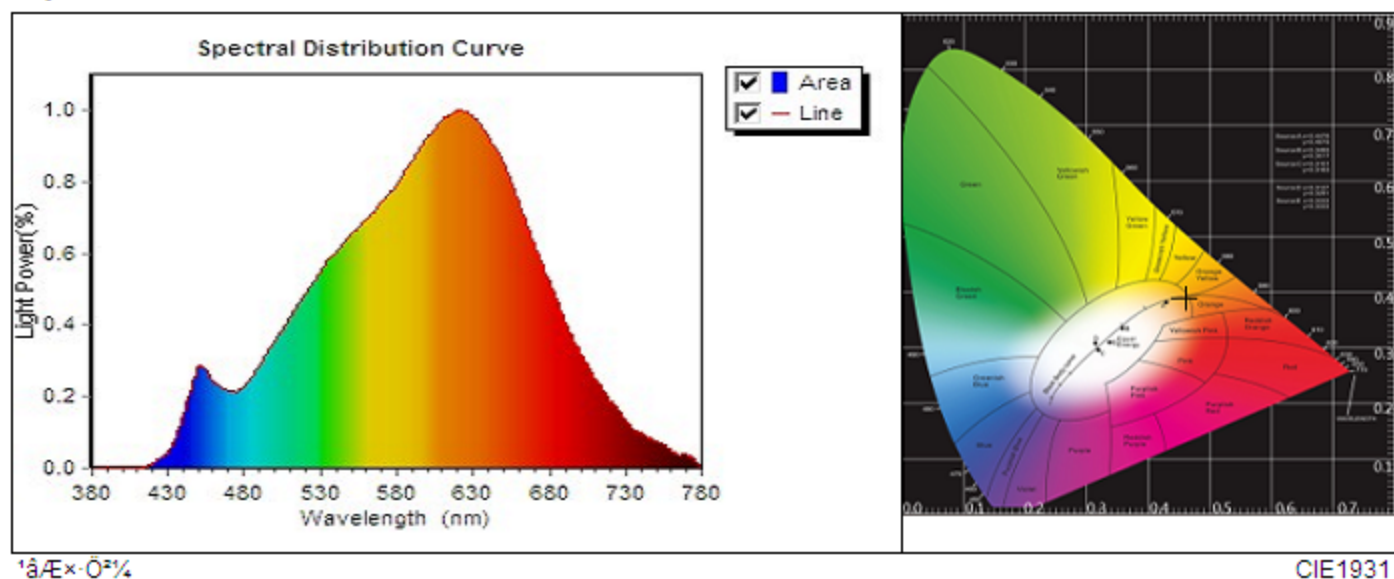
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 58439 (89.2%)
Integral time. : 662ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4536$ $y=0.4246$ $u=0.2524$ $v=0.3544$ ($duv=0.0058$)
Color temperature: $TC=2899$ K Color difference: $SDCM=7.8$ Main Wavelength: $\lambda_d=564.04$ nm Purity: $Purity=0.098$
Peak wavelength: $\lambda_p=621.4$ nm FWHM: $\Delta\lambda_p=159.9$ nm Color ratio: $R=25.97\%$ $G=71.77\%$ $B=2.26\%$

Color rendering index (Ra): $Ra=90.9$

$R1=90.3$ $R2=93.7$ $R3=96.5$ $R4=90.9$ $R5=89.3$ $R6=92.4$ $R7=93.5$ $R8=80.5$
 $R9=53.2$ $R10=84.5$ $R11=90.7$ $R12=76.8$ $R13=91.2$ $R14=97.3$ $R15=85.4$

Optical Parameter

Luminous flux: 551.73 lm Luminous efficiency: 51.56 lm/w Radiant flux: 1.8573 W

Electrical Parameter

Voltage: 240.4 V Current: 0.080 A Watts: 10.70 W Power factor: 0.553

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