



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-N-BN
Manufacturer :

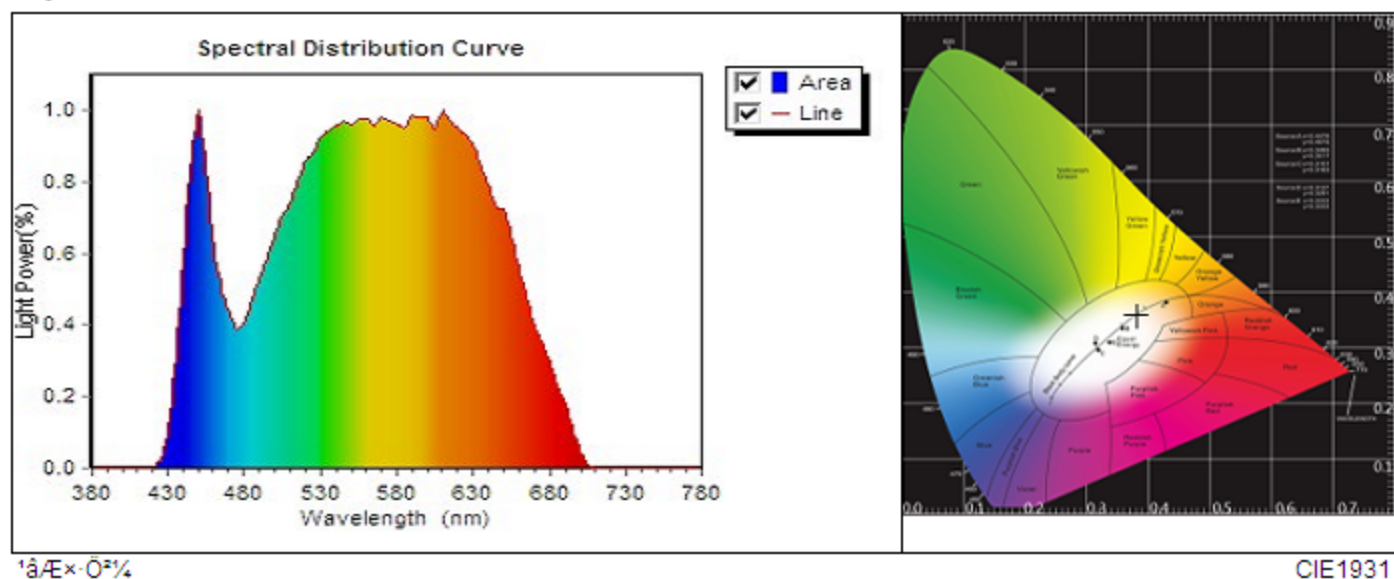
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator :

Test Condition

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

Humidity : 65%
Peak AD. : 47832 (73.0%)
Integral time. : 1753ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3756$ $y=0.3955$ $u=0.2148$ $v=0.3392$ ($duv=0.0100$)
Color temperature: $TC=4255$ K Color difference: $SDCM=10.0$ Main Wavelength: $\lambda_d=488.01$ nm Purity: $Purity=0.173$
Peak wavelength: $\lambda_p=449.7$ nm FWHM: $\Delta\lambda_p=26.5$ nm Color ratio: $R=18.89\%$ $G=77.57\%$ $B=3.54\%$

Color rendering index (Ra): $Ra=86.9$

$R1=84.8$ $R2=89.1$ $R3=93.5$ $R4=87.0$ $R5=84.0$ $R6=85.3$ $R7=93.7$ $R8=77.1$
 $R9=35.1$ $R10=74.5$ $R11=85.7$ $R12=61.8$ $R13=86.2$ $R14=96.2$ $R15=79.7$

Optical Parameter

Luminous flux: 126.003 lm luminous efficiency: 40.65 lm/w Radiant flux: 0.3741 W

Electrical Parameter

Voltage: 240.6 V Current: 0.029 A Watts: 3.10 W Power factor: 0.431

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