



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

Spectral test report for lamp

Product type :
Product No. : B1219-4W-N-BN
Manufacturer :

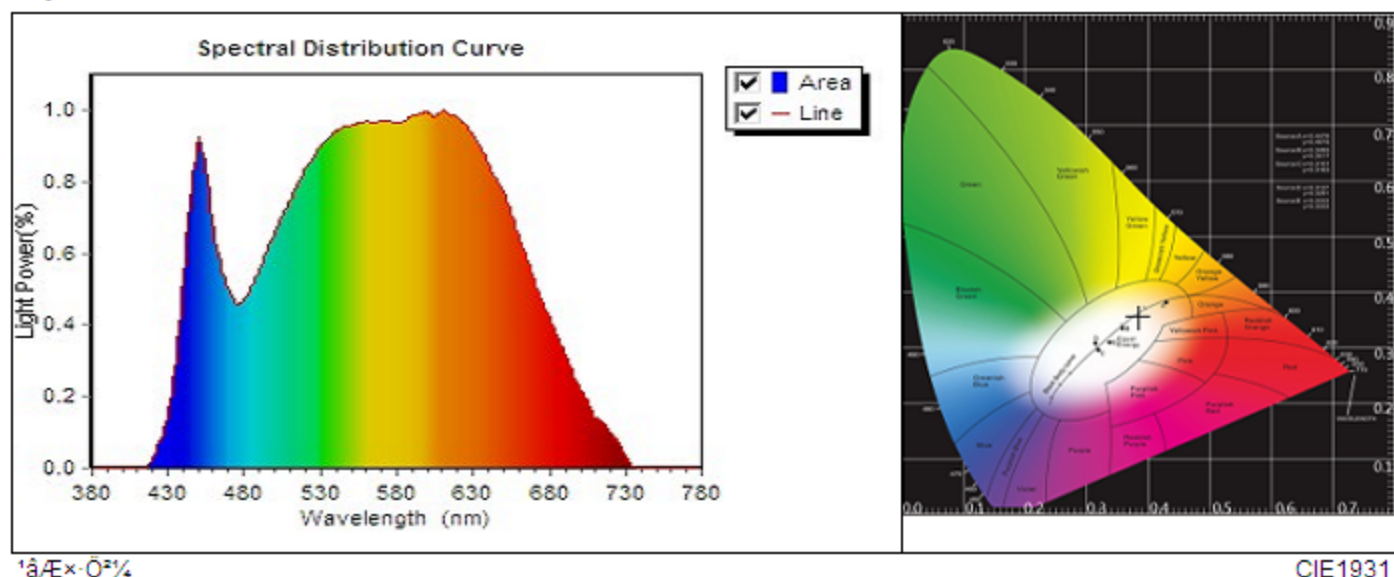
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 58610 (89.4%)
Integral time. : 1049ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3779$ $y=0.3928$ $u=0.2173$ $v=0.3387$ ($duv=0.0081$)
Color temperature: $TC=4177$ K Color difference: $SDCM=7.5$ Main Wavelength: $\lambda_d=488.01$ nm Purity: $Purity=0.169$
Peak wavelength: $\lambda_p=610.6$ nm FWHM: $\Delta\lambda_p=188.2$ nm Color ratio: $R=19.50\%$ $G=76.76\%$ $B=3.74\%$

Color rendering index (Ra): $Ra=89.2$

$R1=87.7$ $R2=91.5$ $R3=95.1$ $R4=88.8$ $R5=86.8$ $R6=88.3$ $R7=94.5$ $R8=80.9$
 $R9=47.3$ $R10=79.7$ $R11=87.8$ $R12=67.0$ $R13=88.9$ $R14=97.0$ $R15=83.4$

Optical Parameter

Luminous flux: 334.485 lm Luminous efficiency: 53.09 lm/w Radiant flux: 1.0521 W

Electrical Parameter

Voltage: 240.6 V Current: 0.049 A Watts: 6.30 W Power factor: 0.535

MEASUREFINE

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