



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1219-30W-N-BN
Manufacturer :

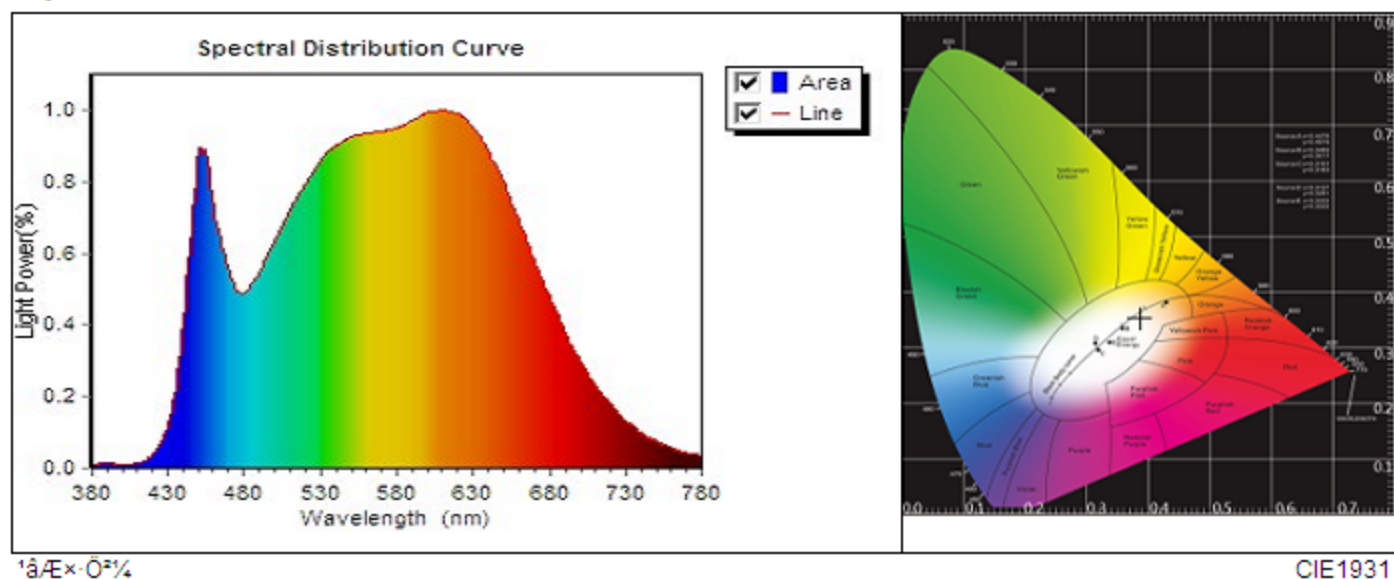
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 51395 (78.4%)
Integral time. : 130ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3816$ $y=0.3907$ $u=0.2204$ $v=0.3385$ ($duv=0.0060$)
Color temperature: $TC=4066$ K Color difference: $SDCM=4.8$ Main Wavelength: $\lambda_d=487.06$ nm Purity: $Purity=0.16$
Peak wavelength: $\lambda_p=609.7$ nm FWHM: $\Delta\lambda_p=195.7$ nm Color ratio: $R=20.26\%$ $G=75.88\%$ $B=3.86\%$

Color rendering index (Ra): $Ra=91.2$

$R1=90.4$ $R2=93.9$ $R3=96.6$ $R4=89.9$ $R5=89.1$ $R6=91.2$ $R7=94.4$ $R8=83.5$
 $R9=56.6$ $R10=84.8$ $R11=89.4$ $R12=69.0$ $R13=91.7$ $R14=97.8$ $R15=86.6$

Optical Parameter

Luminous flux: 2733.697 lm luminous efficiency: 88.47 lm/w Radiant flux: 9.0703 W

Electrical Parameter

Voltage: 240.2 V Current: 0.135 A Watts: 30.90 W Power factor: 0.946

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