



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1218-20W-B-BN
Manufacturer :

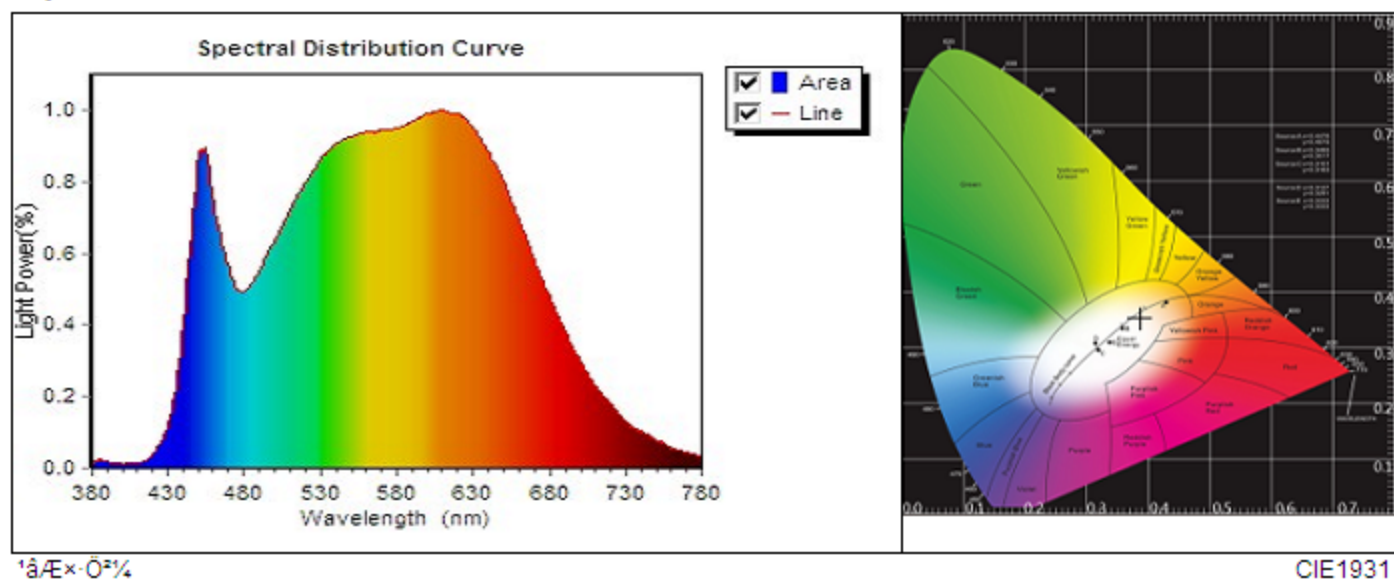
Test date. : 2024-02-22
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 49825 (76.0%)
Integral time. : 224ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3812$ $y=0.3910$ $u=0.2200$ $v=0.3385$ ($duv=0.0063$)
Color temperature: $TC=4080$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=487.03$ nm Purity: $Purity=0.161$
Peak wavelength: $\lambda_p=609.9$ nm FWHM: $\Delta\lambda_p=196.2$ nm Color ratio: $R=20.19\%$ $G=75.93\%$ $B=3.88\%$

Color rendering index (Ra): $Ra=91.1$

$R1=90.3$ $R2=93.8$ $R3=96.6$ $R4=89.8$ $R5=89.0$ $R6=91.1$ $R7=94.5$ $R8=83.5$
 $R9=56.7$ $R10=84.7$ $R11=89.2$ $R12=68.7$ $R13=91.6$ $R14=97.8$ $R15=86.6$

Optical Parameter

Luminous flux: 1521.91 lm luminous efficiency: 71.45 lm/w Radiant flux: 5.0515 W

Electrical Parameter

Voltage: 240.4 V Current: 0.095 A Watts: 21.30 W Power factor: 0.934

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