



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1217-8W-B-BN
Manufacturer :

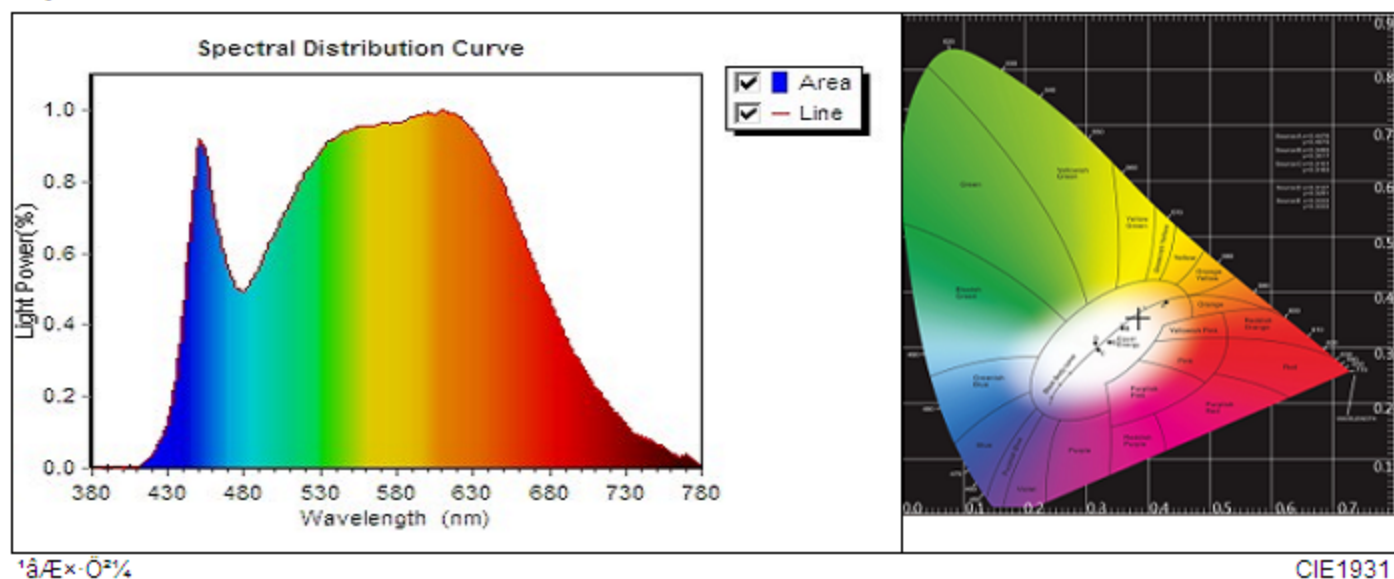
Test date. : 2024-02-22
Test equipment: SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 47099 (71.9%)
Integral time. : 481ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3785$ $y=0.3910$ $u=0.2183$ $v=0.3383$ ($duv=0.0071$)
Color temperature: $TC=4152$ K Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=487.06$ nm Purity: $Purity=0.167$
Peak wavelength: $\lambda_p=610.3$ nm FWHM: $\Delta\lambda_p=195.8$ nm Color ratio: $R=19.78\%$ $G=76.33\%$ $B=3.88\%$

Color rendering index (Ra): $Ra=90.4$

$R1=89.3$ $R2=93.0$ $R3=96.3$ $R4=89.2$ $R5=88.1$ $R6=90.1$ $R7=94.5$ $R8=82.6$
 $R9=53.3$ $R10=83.0$ $R11=88.5$ $R12=68.0$ $R13=90.5$ $R14=97.7$ $R15=85.3$

Optical Parameter

Luminous flux: 645.799 lm luminous efficiency: 58.18 lm/w Radiant flux: 2.1178 W

Electrical Parameter

Voltage: 240.4 V Current: 0.082 A Watte: 11.10 W Power factor: 0.560

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