



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1770-24W-CCT-N_BN
Manufacturer :

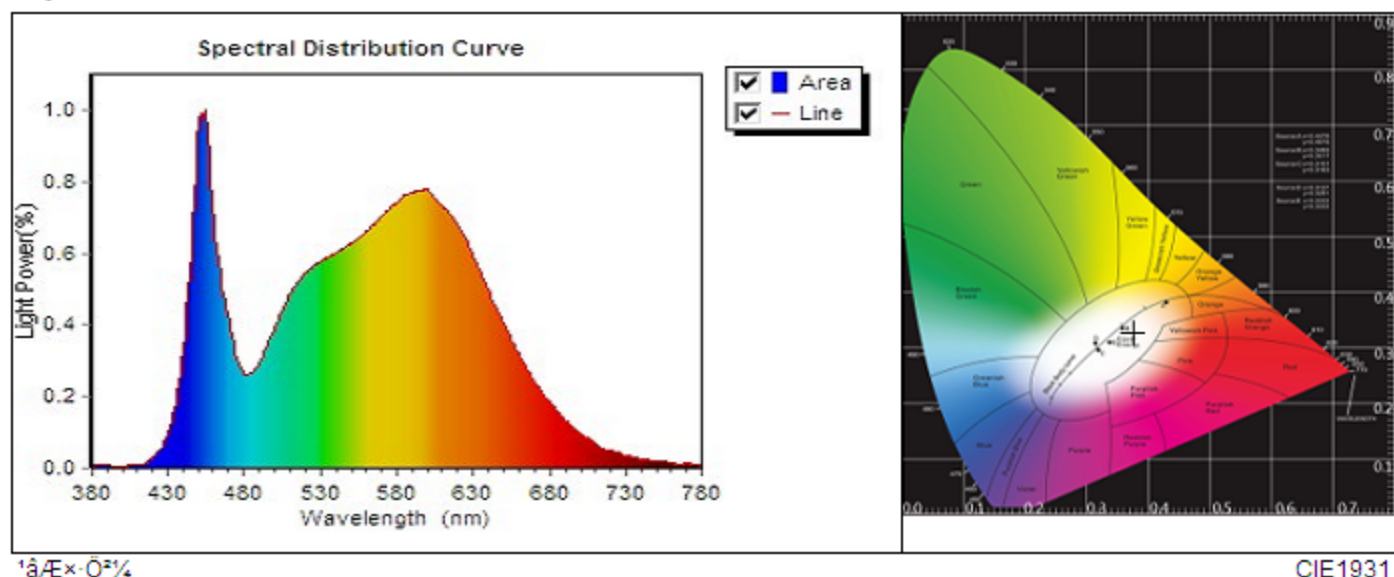
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 47411 (72.3%)
Integral time. : 112ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3702$ $y=0.3674$ $u=0.2220$ $v=0.3306$ ($duv=-0.0013$)
Color temperature: $TC=4229$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.199$
Peak wavelength: $\lambda_p=452.8$ nm FWHM: $\Delta\lambda_p=21.5$ nm Color ratio: $R=19.60\%$ $G=76.68\%$ $B=3.72\%$

Color rendering index (Ra): $Ra=85.6$

$R1=84.8$ $R2=91.9$ $R3=95.5$ $R4=84.2$ $R5=84.5$ $R6=87.4$ $R7=87.1$ $R8=68.8$
 $R9=19.8$ $R10=79.7$ $R11=83.8$ $R12=62.1$ $R13=87.5$ $R14=97.9$ $R15=79.7$

Optical Parameter

Luminous flux: 2402.456 lm luminous efficiency: 99.69 lm/w Radiant flux: 7.4468 W

Electrical Parameter

Voltage: 230.2 V Current: 0.111 A Watte: 24.10 W Power factor: 0.945

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