



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

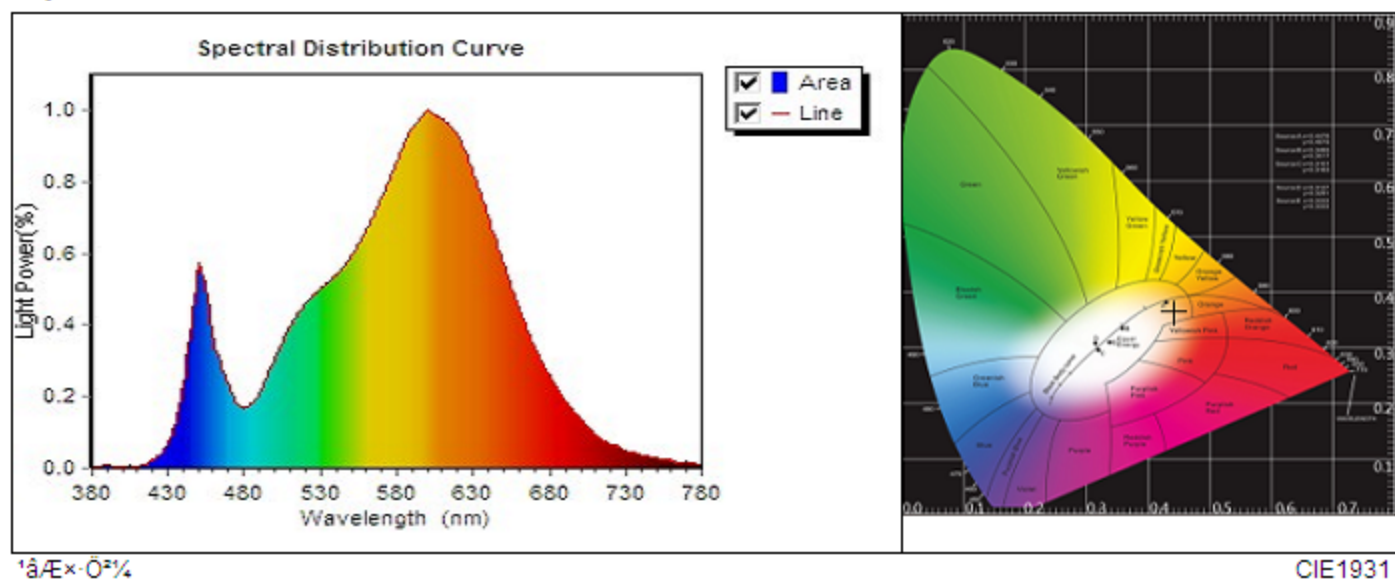
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 45130 (68.9%)
Integral time. : 112ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4363$ $y=0.4008$ $u=0.2516$ $v=0.3467$ ($duv=-0.0012$)
Color temperature: $TC=2984$ K Color difference: $SDCM=1.9$ Main Wavelength: $\lambda_d=483.03$ nm Purity: $Purity=0.03$
Peak wavelength: $\lambda_p=600.8$ nm FWHM: $\Delta\lambda_p=126.3$ nm Color ratio: $R=24.90\%$ $G=72.88\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=82.7$

$R1=81.4$ $R2=91.1$ $R3=96.2$ $R4=80.9$ $R5=81.6$ $R6=89.2$ $R7=82.3$ $R8=58.6$
 $R9=6.8$ $R10=79.7$ $R11=80.8$ $R12=71.3$ $R13=84.5$ $R14=98.7$ $R15=73.8$

Optical Parameter

Luminous flux: 2272.277 lm luminous efficiency: 89.46 lm/w Radiant flux: 6.8816 W

Electrical Parameter

Voltage: 230.2 V Current: 0.116 A Watts: 25.40 W Power factor: 0.945

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