



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1770-18W-CCT-B_BF
Manufacturer :

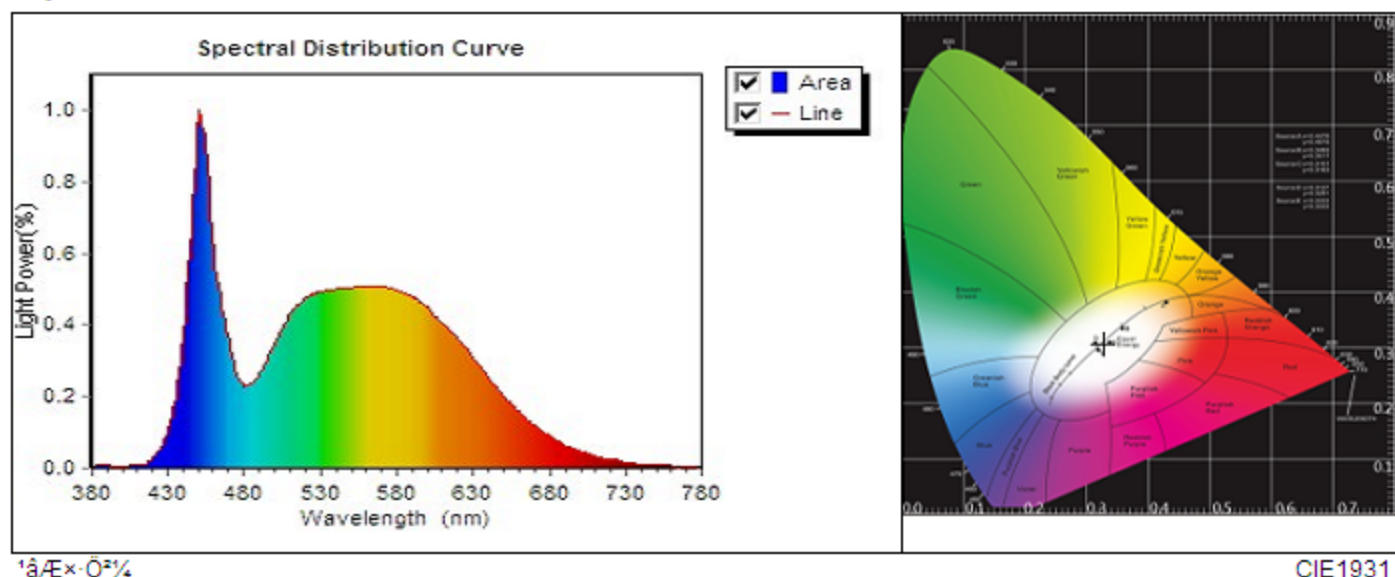
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 51463 (78.5%)
Integral time. : 112ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3227$ $y=0.3482$ $u=0.1976$ $v=0.3198$ ($duv=0.0080$)
Color temperature: $TC=5922$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.318$
Peak wavelength: $\lambda_p=451.4$ nm FWHM: $\Delta\lambda_p=20.6$ nm Color ratio: $R=14.70\%$ $G=80.66\%$ $B=4.65\%$

Color rendering index (Ra): $Ra=81.4$

$R1=78.5$ $R2=86.2$ $R3=91.7$ $R4=80.5$ $R5=79.4$ $R6=81.0$ $R7=87.5$ $R8=66.3$
 $R9=-2.2$ $R10=67.6$ $R11=79.5$ $R12=55.7$ $R13=81.5$ $R14=95.7$ $R15=72.7$

Optical Parameter

Luminous flux: 1943.29 lm luminous efficiency: 108.56 lm/w Radiant flux: 6.0346 W

Electrical Parameter

Voltage: 230.3 V Current: 0.084 A Watte: 17.90 W Power factor: 0.925

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