



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

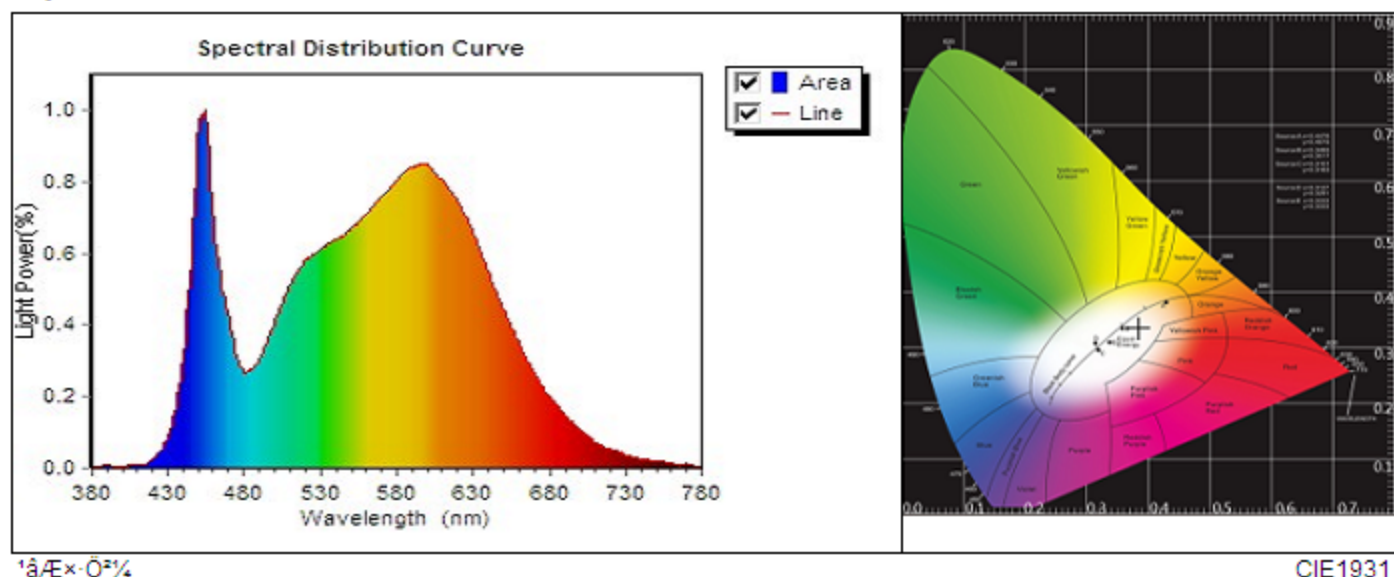
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 36483 (55.7%)
Integral time. : 112ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3780$ $y=0.3747$ $u=0.2243$ $v=0.3335$ ($duv=-0.0003$)
Color temperature: $TC=4053$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.177$
Peak wavelength: $\lambda_p=452.9$ nm FWHM: $\Delta\lambda_p=21.2$ nm Color ratio: $R=20.01\%$ $G=76.49\%$ $B=3.51\%$

Color rendering index (Ra): $Ra=85.1$

$R1=84.1$ $R2=91.5$ $R3=95.8$ $R4=83.7$ $R5=83.8$ $R6=87.4$ $R7=86.7$ $R8=67.4$
 $R9=17.1$ $R10=79.2$ $R11=83.2$ $R12=62.1$ $R13=86.8$ $R14=98.1$ $R15=78.4$

Optical Parameter

Luminous flux: 1960.326 lm luminous efficiency: 115.31 lm/w Radiant flux: 6.0006 W

Electrical Parameter

Voltage: 230.3 V Current: 0.080 A Watte: 17.00 W Power factor: 0.915

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