



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

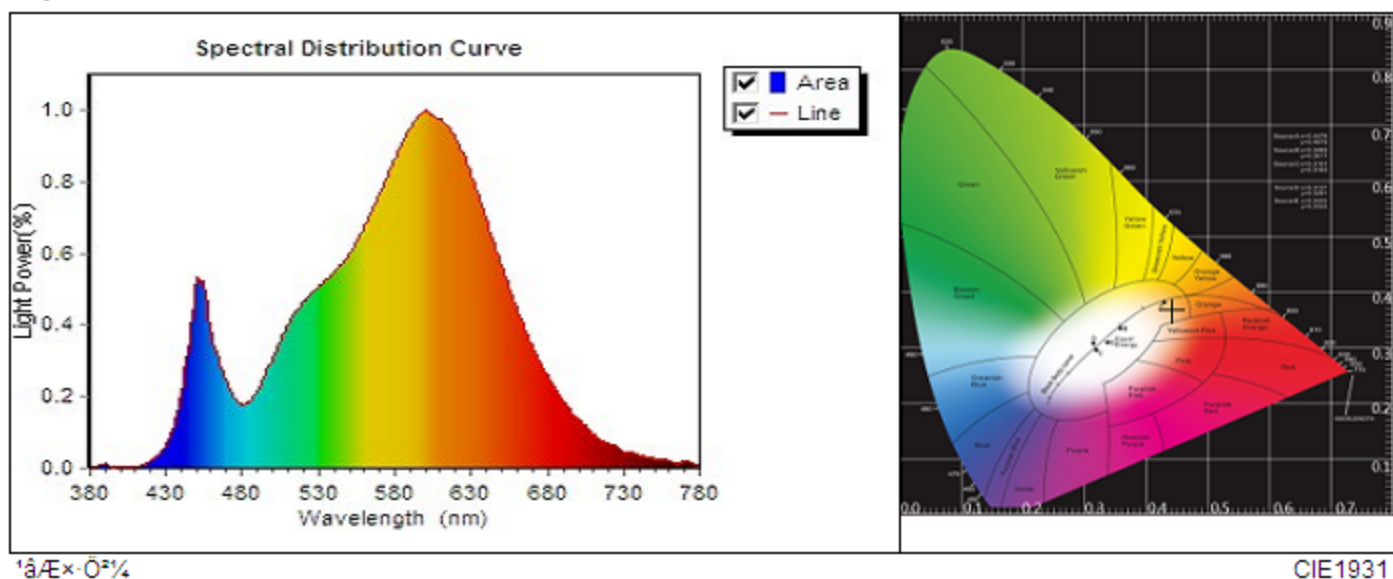
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 36251 (55.3%)
Integral time. : 112ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4363$ $y=0.4037$ $u=0.2504$ $v=0.3474$ ($duv=-0.0001$)
Color temperature: $TC=3007K$ Color difference: $SDCM=2.5$ Main Wavelength: $\lambda_d=486.03nm$ Purity: $Purity=0.028$
Peak wavelength: $\lambda_p=600.1nm$ FWHM: $\lambda_p=127.7nm$ Color ratio: $R=24.62\%$ $G=73.13\%$ $B=2.25\%$

Color rendering index (Ra): $Ra=82.5$

$R1=80.9$ $R2=90.8$ $R3=96.4$ $R4=80.5$ $R5=81.1$ $R6=88.8$ $R7=82.5$ $R8=58.4$
 $R9=5.4$ $R10=79.1$ $R11=80.2$ $R12=69.8$ $R13=84.0$ $R14=98.7$ $R15=73.2$

Optical Parameter

Luminous flux: 1807.289 lm luminous efficiency: 102.11 lm/w Radiant flux: 5.4408 W

Electrical Parameter

Voltage: 230.4 V Current: 0.084 A Watte: 17.70 W Power factor: 0.917

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