



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN LED ESTANCO
Product No. : B1726-R-CCT-EM (BF)
Manufacturer : BLED

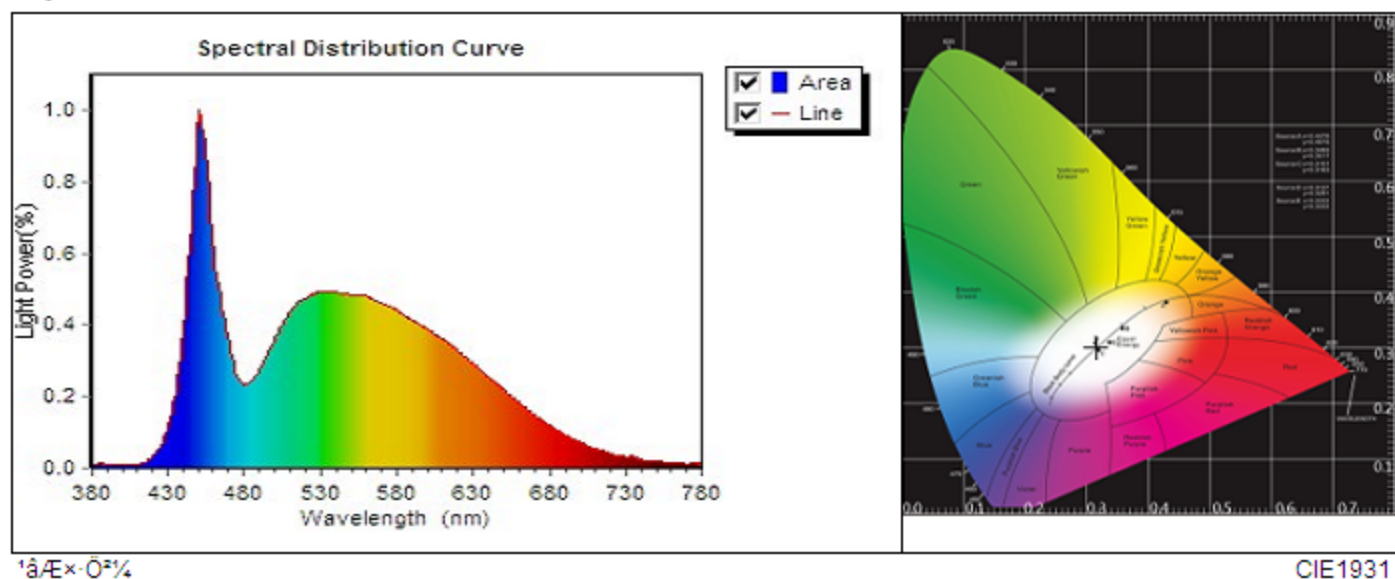
Test date. : 2024-08-29
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 57132 (87.2%)
Integral time. : 157ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3125$ $y=0.3424$ $u=0.1928$ $v=0.3169$ ($duv=0.0100$)
Color temperature: $TC=6424$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.345$
Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\Delta\lambda_p=20.9$ nm Color ratio: $R=14.19\%$ $G=80.81\%$ $B=4.99\%$

Color rendering index (Ra): $Ra=83.5$

$R1=80.5$ $R2=86.5$ $R3=91.2$ $R4=82.7$ $R5=81.2$ $R6=81.6$ $R7=90.7$ $R8=73.3$
 $R9=15.6$ $R10=68.8$ $R11=81.4$ $R12=56.0$ $R13=82.9$ $R14=95.4$ $R15=76.2$

Optical Parameter

Luminous flux: 1519.611 lm luminous efficiency: 83.96 lm/w Radiant flux: 4.964 W

Electrical Parameter

Voltage: 230.3 V Current: 0.123 A Watts: 18.10 W Power factor: 0.637

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