



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Tube
Product No. : B4011-5-150BF
Manufacturer : BLED

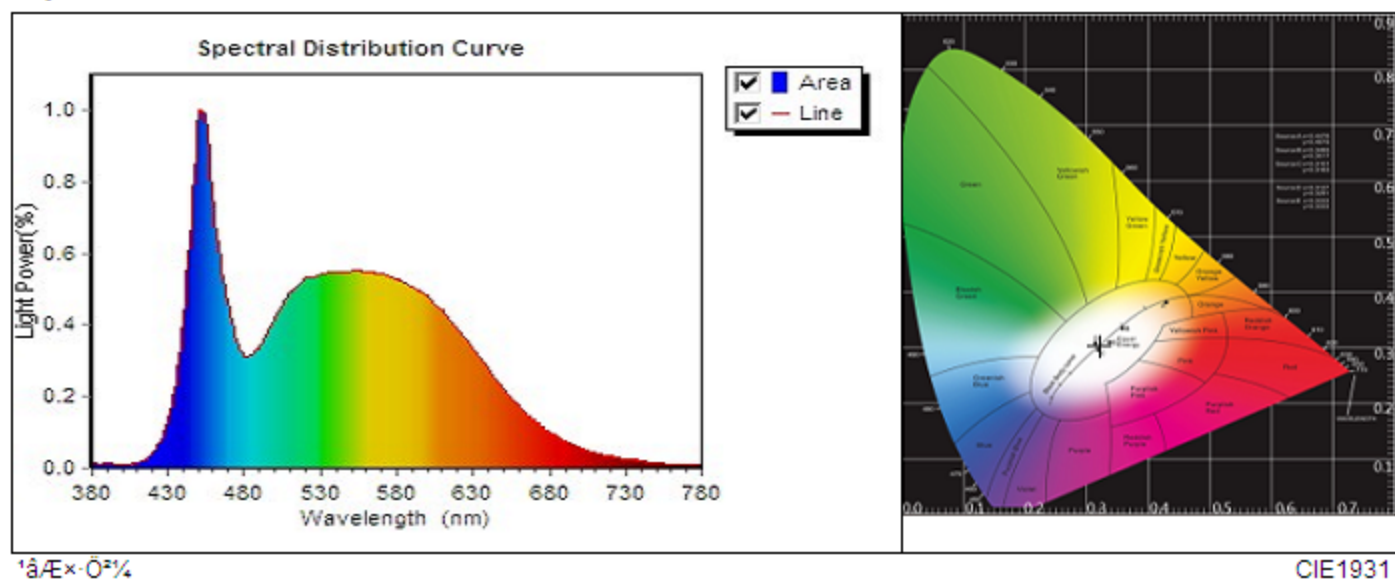
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50969 (77.8%)
Integral time. : 72ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3169$ $y=0.3448$ $u=0.1949$ $v=0.3181$ ($duv=0.0091$)
Color temperature: $TC=6200$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.333$
Peak wavelength: $\lambda_p=452.3$ nm FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=14.52\%$ $G=80.27\%$ $B=5.21\%$

Color rendering index (Ra): $Ra=83.3$

$R1=80.4$ $R2=88.4$ $R3=93.8$ $R4=81.5$ $R5=81.2$ $R6=83.9$ $R7=88.7$ $R8=68.5$
 $R9=4.7$ $R10=72.7$ $R11=80.7$ $R12=59.5$ $R13=83.6$ $R14=96.8$ $R15=74.6$

Optical Parameter

Luminous flux: 3272.185 lm luminous efficiency: 133.02 lm/w Radiant flux: 10.419 W

Electrical Parameter

Voltage: 230.1 V Current: 0.111 A Watte: 24.60 W Power factor: 0.956

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