



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Tube
Product No. : B4011-4-150BC
Manufacturer : BLED

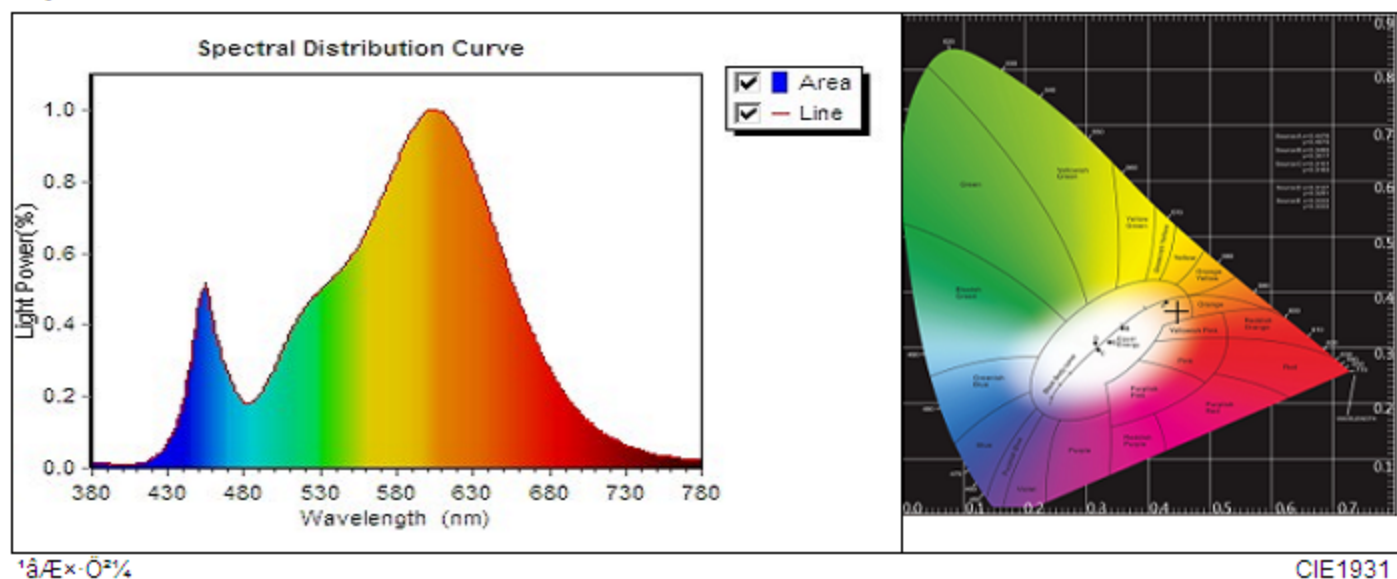
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 54117 (82.6%)
Integral time. : 110ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4401$ $y=0.4025$ $u=0.2533$ $v=0.3475$ ($duv=-0.0010$)
Color temperature: $TC=2935$ K Color difference: $SDCM=0.3$ Main Wavelength: $\lambda_d=482.08$ nm Purity: $Purity=0.02$
Peak wavelength: $\lambda_p=604.0$ nm FWHM: $\Delta\lambda_p=127.5$ nm Color ratio: $R=25.30\%$ $G=72.47\%$ $B=2.23\%$

Color rendering index (Ra): $Ra=83$

$R1=81.8$ $R2=91.6$ $R3=96.2$ $R4=80.8$ $R5=81.8$ $R6=89.8$ $R7=82.4$ $R8=59.3$
 $R9=9.1$ $R10=80.5$ $R11=80.1$ $R12=71.5$ $R13=85.0$ $R14=98.7$ $R15=74.5$

Optical Parameter

Luminous flux: 2838.364 lm luminous efficiency: 117.29 lm/w Radiant flux: 8.7292 W

Electrical Parameter

Voltage: 230.4 V Current: 0.114 A Watts: 24.20 W Power factor: 0.914

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