



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Tube
Product No. : B8400-60-AM
Manufacturer : BLED

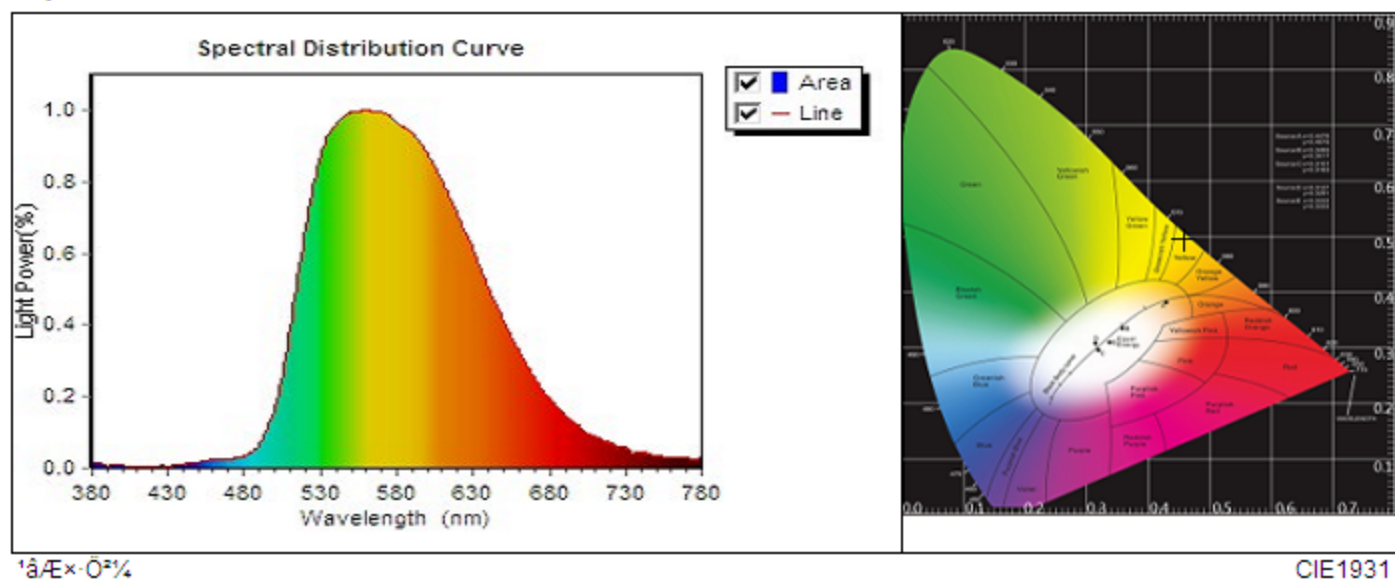
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49178 (75.0%)
Integral time. : 339ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4509$ $y=0.5222$ $u=0.2156$ $v=0.3746$ ($duv=0.0392$)
Color temperature: $TC=3548$ K Color difference: $SDCM=51.3$ Main Wavelength: $\lambda_d=552.06$ nm Purity: $Purity=0.392$
Peak wavelength: $\lambda_p=559.6$ nm FWHM: $\Delta\lambda_p=127.1$ nm Color ratio: $R=16.65\%$ $G=82.96\%$ $B=0.39\%$

Color rendering index (Ra): $Ra=52.7$

$R1=53.5$ $R2=60.7$ $R3=63.0$ $R4=38.2$ $R5=49.7$ $R6=51.8$ $R7=65.1$ $R8=39.1$
 $R9=-66.6$ $R10=14.9$ $R11=20.9$ $R12=16.2$ $R13=55.1$ $R14=81.5$ $R15=41.3$

Optical Parameter

Luminous flux: 832.027 lm Luminous efficiency: 90.44 lm/w Radiant flux: 1.9483 W

Electrical Parameter

Voltage: 230.2 V Current: 0.077 A Watts: 9.20 W Power factor: 0.518

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